



SCANNED
Land Title Research

Suite 1200
11 North Pearl Street
Albany, New York 12207

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June 17, 1998

Mr. John Consoletti
W. Z. Baumgartner & Associates, Inc.
Suite E206
500 Wilson Pike Circle
Brentwood, TN 37027

ERIIS JOB #: 249626A
LTR Reference # : 975561

Subject: John C. Tombarello & Sons
207 Marston Street, Lawrence
Jurisdiction: Essex, MA
Term of Search: Fifty eight years
Current Owner: Joseph Fitzgibbons, Trustee of the 207 Marston Street Trust

A fifty eight year property history search has been conducted on your behalf in the State of Massachusetts, County of Essex, for the subject listed above. Please find attached a Grantor/Grantee Report, supporting documents and additional information as requested.

The information set forth in this report was compiled from public records and other sources maintained by third parties. Therefore, we can not be held responsible for error, omission or inaccurate information, although we have exercised reasonable care in its compilation.

DOCUMENT CONTENTS PAGE
John C. Tombarello & Sons
207 Marston Street, Lawrence, Essex County, MA

CLIENT REFERENCE # : ERIIS

LTR REFERENCE # : 975561

- GRANTOR/GRANTEE REPORT
- CURRENT DEED WITH RECORD OWNER
- NO RECORDED LEASES FOUND
- NO RECORDED EASEMENTS FOUND
- NO ENVIRONMENTAL LIENS FOUND



GRANTOR/GRANTEE REPORT
John C. Tombarello & Sons
207 Marston Street, Lawrence, Essex County, MA

CLIENT REFERENCE # : ERIIS

LTR REFERENCE # : 975561

1.
Grantor: John C. Tombarello and Antoinette Tombarello Instrument: Quit Claim Deed
Dated: 01-22-98
Grantee: Joseph Fitzgibbons, trustee of the 207 Marston Street Trust Recorded: 01-22-98
Conveyed: As described, copy attached Book: 4944 Page: 157

2.
Grantor: John C. Tombarello, et ux. (joint tenants) Instrument: Quit Claim Deed
Grantee: John C. Tombarello, et ux. (tenants in common) Recorded: 11-04-87
Book: 2621 Page: 156

3.
Grantor: John C. Tombarello Instrument: Quit Claim Deed
Grantee: John C. Tombarello, et ux. Recorded: 11-04-87
Book: 2621 Page: 158

4.
Grantor: William M. Tombarelli and Francis S. Faro, trustees of the Lawrence Lodge #902 Community Center Trust Instrument: Quit Claim Deed
Grantee: John C. Tombarello, et ux. Recorded: 04-01-86
Book: 2159 Page: 109



GRANTOR/GRANTEE REPORT
John C. Tombarello & Sons
207 Marston Street, Lawrence, Essex County, MA

CLIENT REFERENCE # : ERIIS

LTR REFERENCE # : 975561

5.
Grantor: Philip J. Manzi, et al., individually
and as trustees Instrument: Quit Claim Deed

Grantee: Lawrence Lodge #902 Community
Center Trust Recorded: 12-31-70
Book: 1164 Page: 524

6.
Grantor: Commissioners of Essex County,
MA Instrument: Quit Claim Deed

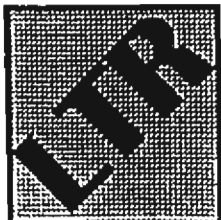
Grantee: Philip J. Manzi, et al., individually
and as trustees Recorded: 08-01-68
Book: 1111 Page: 226

7.
Grantor: City of Lawrence Instrument: Quit Claim Deed

Grantee: John C. Tombarello Recorded: 12-29-67
Book: 1098 Page: 358

8.
Grantor: Robert A. Smith, administrator of
the Estate of Arthur Smith (who
inherited it from Josiah Smith,
widower of Gertrude M. Smith Instrument: Deed

Grantee: John C. Tombarello, et ux. Recorded: 01-13-67
Book: 1075 Page: 404



GRANTOR/GRANTEE REPORT
John C. Tombarello & Sons
207 Marston Street, Lawrence, Essex County, MA

CLIENT REFERENCE # : ERIIS

LTR REFERENCE # : 975561

9.

Grantor: John C. Tombarello Instrument: Quit Claim Deed

Grantee: John C. Tombarello, et ux. Recorded: 11-23-46
Book: 692 Page: 533

MA 1/1

10.

Grantor: Francis Vetrone Instrument: Quit Claim Deed

Grantee: John C. Tombarello Recorded: 04-03-41
Book: 639 Page: 404

11.

Grantor: Beach Soap Company Instrument: Quit Claim Deed

Grantee: City of Lawrence Recorded: 12-31-35
Book: 596 Page: 66

12.

Grantor: Essex Savings Bank Instrument: Quit Claim Deed

Grantee: Francis Vetrone Recorded: 12-21-30
Book: 620 Page: 60



GRANTOR/GRANTEE REPORT
John C. Tombarello & Sons
207 Marston Street, Lawrence, Essex County, MA

CLIENT REFERENCE # : ERIIS

LTR REFERENCE # : 975561

13.

Grantor: William E. Norris

Instrument:

Warranty Deed

Grantee: Gertude M. Smith

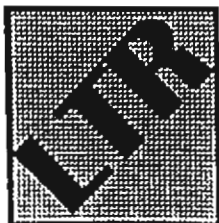
Recorded:

06-30-1896

Book: 148

Page: 108

END OF REPORT



CURRENT DEED
John C. Tombarello & Sons
207 Marston Street, Lawrence, Essex County, MA

CLIENT REFERENCE # : ERIIS

LTR REFERENCE # : 975561

INSTRUMENT: Quit Claim Deed
DEED DATE: January 22, 1998
RECORDED: January 22, 1998
GRANTOR: John C. Tombarello and Antoinette Tombarello
GRANTEE: Joseph Fitzgibbons, trustee of the 207 Marston Street Trust



The Following
Document Contains

Some Poor Quality

Originals

975561

BK 4944 PG 157

QUITCLAIM DEED

We, JOHN C. TOMBARELLO and ANTOINETTE TOMBARELLO, of 12 Ames Terrace, Methuen, Essex County, Massachusetts, grant to JOSEPH FITZGIBBONS, TRUSTEE OF THE 207 MARSTON STREET TRUST, under a Declaration of Trust dated January 14, 1998, recorded immediately prior hereto, of 207 Marston Street, Lawrence, Massachusetts, with QUITCLAIM COVENANTS all our right, title and interest in and to the following described parcels of land in Lawrence, Essex County, Massachusetts, bounded and described as follows:

PARCEL #1:

Lots numbered one (1) to sixty six (66), inclusive, as shown on a plan entitled: "Plan of Land owned by Nicholas Norris, John Franklin, C.E." recorded with said Registry of Deeds as Plan No. 80, and including whatever fee the said John Tombarelli may have in Cardiff Street and Sherkin Court, as shown on said plan.

Being the same premises conveyed to the grantors by deed of John Tombarelli dated November 23, 1948 and recorded in North Essex Registry of Deeds, Book 2621, Page 155.

PARCEL #2:

1942 198 411:33

Lot B as shown on a "Plan of Land in Lawrence, Massachusetts prepared for John C. Tombarelli, Scale 1" = 100", December, 1985, Stevens Associates, Inc., Registered Land Surveyors, Methuen, Massachusetts", recorded at North Essex Registry of Deeds as Plan No. 10230 and being more particularly described and bounded as follows:

- Westerly: by Marston Street a distance of 32.28/100 feet running along the westerly side of said street and thence turning and running
- Northerly: by land now of the grantees herein a distance of 263.41/100 feet on a course of N 85° 48' 28" E and thence turning and running
- Easterly: by land of Finella Realty Trust a distance of 80.00 feet on a course of S 04° 13' 32" E and thence turning and running
- Southerly: by land of the grantor a distance of 773.77/100 feet on a course of S 85° 48' 28" W to the easterly boundary of Marston Street and the point of beginning.

Being a portion of the same premises conveyed to the grantors by deed of the Trustees of the Lawrence Lodge 802 Community Center Trust dated January 8, 1986 and recorded with said Registry at Book 2159, Page 109, and by deed of the grantors herein recorded in Book 2621, Page 156, excepting therefrom that portion of the premises conveyed to Aileen Paul, et al, further described as Lot 1 on Essex North District Registry of Deeds Plan No. 12870 by deeds recorded in Book 4671, Page 332 and Book 4833, Page 80.

1790

North Essex Registry of Deeds
North District

PARCELS:

A certain parcel of land in Lawrence, Massachusetts, beginning at a point in the north west corner of lot 10, Block 12, District 1, City of Lawrence, and extending south 85° 10' 00" west along the easterly side of the parcel for a distance of 125.00 feet, and thence north 85° 10' 00" east along the westerly side of the parcel for a distance of 125.00 feet, and thence north 85° 10' 00" west along the easterly side of the parcel for a distance of 125.00 feet, and thence south 85° 10' 00" east along the westerly side of the parcel for a distance of 125.00 feet, to the lot pin and beginning point, containing 1/4 acre, more or less, as shown on the plan annexed to the deed of John P. A. Lombard, dated February 1, 1965, and recorded with the Essex North District Registry of Deeds, Plan 12870 by deed recorded in Book 4839, Page 60.

Particular reference is hereby made to the deed of John P. A. Lombard, dated February 1, 1965, and recorded with the Essex North District Registry of Deeds, Book 4839, Page 60.

Being a portion of the estate premises of John P. A. Lombard, deceased, as shown on the plan annexed to the deed of John P. A. Lombard, dated October 27, 1967, and recorded with the Essex North District Registry of Deeds, Book 2821, Page 180.

The above parcels are conveyed subject to all the covenants, conditions and restrictions of record.

The consideration for this conveyance is \$10,000.00.

Executed as a sealed instrument this 1st day of February, 1998.

Raymond Lombard (Witness)
John P. A. Lombard (Witness)
John P. A. Lombard
Antoinette Lombard

COMMONWEALTH OF MASSACHUSETTS

Essex, ss: I, _____, Clerk of the Superior Court, do hereby certify that on the 1st day of February, 1998, at Lawrence, Massachusetts, the within and foregoing instrument was duly executed by the parties thereto, and acknowledged by them as their free and voluntary act and deed.

Then personally appeared the above named John P. A. Lombard and Antoinette Lombard and acknowledged the foregoing instrument to be their free and voluntary act and deed before me.

 Notary Public
 -59-2003
 State of Massachusetts
 Commission Expires _____

* * * COMMUNICATION RESULT REPORT (AUG. 2.19 3:34PM) * * *

FILE MODE	OPTION	ADDRESS (GROUP)	TTI RESULT	PAGE
185 MEMORY TX		919788349966	OK	P. 6/6

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EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
METROPOLITAN BOSTON - NORTHEAST REGIONAL OFFICE

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

Al Wyman

BOB DURAND
Secretary

LAUREN LISS
Commissioner

NERO FACSIMILE
TRANSMITTAL FORM

DATE 8 / 2 / 99

TO:

Company: John Higgins

Contact Name: _____ Phone: _____

FAX PHONE # (978) 834-9966

COMPANY PHONE # _____



COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 METROPOLITAN BOSTON - NORTHEAST REGIONAL OFFICE

ARGEO PAUL CELLUCCI
 Governor

JANE SWIFT
 Lieutenant Governor

*AI
 Wyman*

BOB DURAND
 Secretary

LAUREN LISS
 Commissioner

NERO FACSIMILE
 TRANSMITTAL FORM

DATE 8, 2, 99,

TO:

Company: John Higgins

Contact Name: _____ Phone: _____

FAX PHONE # (978) 834-9966

COMPANY PHONE # ()

FROM:

DEP Division: Allen Wyman

Contact Name: _____ Phone: _____

COMMENTS: June 21, 1999, Field Notes
as requested. (Relax of 7/28/99)

TRANSMITTAL FORM plus 5 page(s)
 To report transmission problems, call Mike at (978) 661-7714
 Fax Number for NERO - (978) 661-7615



RELEASE LOG FORM ATTACHMENT

Release Tracking Number

3-18126

E. LOG/RELEASE LOCATION INFORMATION: (complete if using only BWSC-102B)

City/Town: Lawrence Date: 7/28/99 Time: 1600 AM PM

Release Address: 207 Marston Street

Use of Attachment (check one): Initial C&E - Announced Initial C&E - Unannounced C&E - Announced C&E - Unannounced

Attachment Page(s): 1 of 1 Office Follow-up Field - Direct Oversight Field Follow-up or Other

F. ADDITIONAL DESCRIPTION:

Allen Wyman, Zachary Peters,
and Peg Carson conducted an ~~unannounced~~
unannounced inspection of the
Tombarello facility & remedial efforts
conducted under the IRA generated for
3-18126. The inspection was on:

June 21, 1999

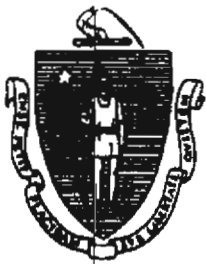
G. DEP ASSIGNMENT: (complete if using BWSC-102A and 102B or BWSC-102B only)

Preparer of RLFA (please print): Allen Wyman Signature: [Signature]

Staff Lead Assigned (if different from preparer): _____

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.



ARGEO PAUL CELLUCCI
Governor

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston - Northeast Regional Office

Al Wyman

DAVID B. SE
Commis

NERO FACSIMILE
TRANSMITTAL FORM

DATE 7/28/99

TO:

Company: John Higgins

Contact Name: _____ Phone: _____

FAX PHONE # (978) 834-9966

COMPANY PHONE # () _____

FROM:

DEP Division: Al Wyman

Contact Name: _____ Phone: _____

COMMENTS: FYI - June 21, 1999 Field Notes
and

Field NOR issued June 21 1999
Peg is not in, I will e-mail her to inform me if anything went out.

Al

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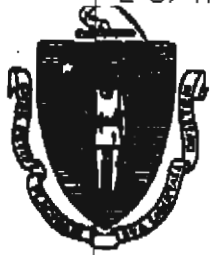
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* * * COMMUNICATION RESULT REPORT (JUL.28.1991 3:32PM) * * *

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Al Wyman

DAVID B. ST...
 Commis...

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DATE 7 / 28 / 99 /

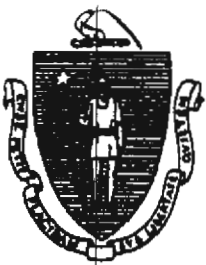
TO:

Company: John Higgins

Contact Name: _____ Phone: _____

FAX PHONE # (978) 834-9966

COMPANY PHONE # (_____) _____



MARGO PAUL CELLUCCI
Governor

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston - Northeast Regional Office

Al Wyman

DAVID B. S...
Commis...

NERO FACSIMILE
TRANSMITTAL FORM

DATE 7/28/99

TO:

Company: American

Contact Name: Peter PRINZ Phone: _____

FAX PHONE # (978) 686-6484

COMPANY PHONE # () _____

FROM:

DEP Division: _____

Contact Name: Allen Wyman Phone: _____

COMMENTS: Field NOTES - June 21, 1999

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* * * COMMUNICATION RESULT REPORT (JUL.28.1999 3:38PM) * * *

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**COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston - Northeast Regional Office**

ARGBO PAUL CBLLUCCI
Governor

Al Wyman

DAVID B. ST.
Commis

**NERO FACSIMILE
TRANSMITTAL FORM**

DATE 7/28/99

TO:

Company: American

Contact Name: Peter Prinz Phone: _____

FAX PHONE # (978) 686-6484

COMPANY PHONE # ()

IMMEDIATE RESPONSE ACTION STATUS REPORT**RTN 3-18126****JOHN C. TOMBARELLO & SONS, INC
207 MARSTON STREET
LAWRENCE, MA 01841**

This Immediate Response Action (IRA) Status Report serves as status update of the June 1, 1999 Modified IRA Plan for the above-referenced Release Tracking Number (RTN). The June 1, 1999 Modified IRA Plan modified a previous April 21, 1999 IRA Plan for RTN 3-18126 by including: (1) additional assessment activities for assessing whether an Imminent Hazard condition actually exists relative to surficial soil; and, (2) by including recommended actions to abate a potential Imminent Hazard condition. The status of IRA activities to date is summarized in the following sections.

The April 21, 1999 IRA Plan discussed the following plans for this RTN:

1. Removal of approximately 100 cubic yards of stockpiled soil;
2. Collection and laboratory analysis of surficial soil samples; and,
3. Collection of ground water samples from four existing monitoring wells.

The June 1, 1999 Modified IRA Plan amended the April 21, 1999 IRA Plan by including the following actions:

1. Placement of a fence along the top of an earthen berm and connecting this fence to existing property fencing;
2. Replacement of three of the existing monitoring wells prior to ground water sampling and laboratory analysis of ground water.
3. Collection and laboratory analysis of additional surficial soil samples.

Status of Assessment and/or Remedial Actions**1. Removal of Stockpiled Soil:**

A total of 106.87 tons of stockpiled soil was removed on May 27, 1999. Bill of lading documentation for these soils were provided to the Massachusetts Department of Environmental Protection on July 12, 1999.

2. Collection and Laboratory Analysis of Surficial Soil (top six inches):

This task has been completed. HEA did not include laboratory analysis for polynuclear aromatic hydrocarbons by U.S. EPA Method 8270C as these parameters were evaluated as part of extractable petroleum hydrocarbon (EPH) analysis of soil. HEA has also completed additional surficial soil

sampling as outlined in the June 1, 1999 Modified IRA Plan. Summary tables of laboratory results are attached for reference. A site plan indicating the location of sampling points is not currently available for submittal with this IRA Status Report.

3. Ground Water Sampling of Existing Monitoring Wells:

On June 2, 1999, an additional three monitoring wells (MW5, MW6, and MW7) were advanced on the property. Soil boring logs are attached for reference. These wells were developed on June 3, 1999 and sampled on June 10, 1999. As discussed in the June 1, 1999 Modified IRA Plan, three of the existing wells (MW2, MW3, and MW4) could not be located. MW1 was located and developed on May 23, 1999. Ground water sampling on June 10, 1999 from each of three newly installed wells and existing well MW1 was completed utilizing low flow sampling methodologies. Ground water samples were preserved upon collection. Samples for total RCRA 8-list metals were not filtered prior to preservation and laboratory analysis. Laboratory results are summarized on the attached table. A site plan indicating the locations of newly installed wells is not currently available for submittal with this IRA Status Report.

4. Completion of Fencing:

Fencing along the top of the previously unfenced portion of the earthen berm has been completed. This fencing was inspected by MA DEP on July 21, 1999. MA DEP indicated that fencing was adequate.

5. Collection and laboratory analysis of additional soil samples:

On June 2, 1999, HEA collected an additional five surficial soil samples at, and proximate to, the previous surficial soil sample location 03014-SB6-SS1. One sample was collected at the same point as 03014-SB6-SS1 and designated as 03014-SB6-SS2. An additional four soil samples were collected at a distance of ten feet to the north, south, east, and west of 03014-SB6-SS1. These additional soil samples were designated as 03014-SB6-N1 (for north), 03014-SB6-S1 (for south), 03014-SB6-E1 (for east), and 03014-SB6-W1 (for west). Laboratory results are summarized on the attached table. A site plan indicating the locations of soil samples is currently not complete.

IRA Status Report Summary

HEA has collected surficial soil and ground water samples, and overseen the advancement of three additional monitoring wells. The elevation of additional monitoring wells and existing well MW1 have been surveyed. Based on depth to ground water measurement collected on June 10, 1999, ground water flow on the property is primarily to the east. Ground water impacts by volatile organic compounds were noted at one location (MW6) at concentrations exceeding MCP GW-1 Method 1 standards. *Please note, it has recently been ascertained that the water supply wells associated with an Interim Wellhead Protection Area which included a portion of the property are being abandoned (reference: DEP PWS-ID: 3210000, Transmittal # 203277).* The furthest downgradient well (MW5) had no observed MCP GW-1 exceedences for VOCs or remaining parameters. Completion of property fencing on the earthen berm and connection of this fence with existing perimeter fencing, combined with motion detectors and security video cameras has effectively removed an Imminent Hazard Potential in accordance with 310 CMR 40.0261(2)(b). In accordance with 310 CMR 40.0426 and 310

CMR 40.0950, completion of fencing has removed the potential Imminent Hazard Condition posed by impacts to surficial soil on the property. HEA has advised our client of further MCP options for addressing risks posed by property conditions. Once a course of action has been selected by our client, HEA will prepare MCP-required documentation for pursuing further assessment and/or response actions relative to observed property conditions.

LSP Opinion Regarding this IRA

It is the opinion of Mr. Jonathan B. Higgins, LSP No. 3605 that IRA activities have been completed in accordance with the April 21, 1999 IRA Plan and the June 1, 1999 modified IRA Plan. The MA DEP has not established any IRA conditions for approval of these IRA Plans.

ATTACHMENTS

**COMPOUNDS EXCEEDING REPORTABLE CONCENTRATIONS,
LABORATORY SUMMARY TABLES, SOIL BORING LOGS, AND
TRANSMITTAL FORMS**

**LIST OF COMPOUNDS
EXCEEDING REPORTABLE CONCENTRATIONS
FOR S-1 CATEGORY SOIL AND GW-1 CATEGORY GROUND WATER**

SOILS (in mg/kg)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCS-1 Concentration</u>
PCBs	92	2
Lead	4,170	300
Total Petroleum Hydrocarbons	9,090	200
Benzo(a)anthracene	24.6	0.7
Benzo(a)pyrene	15.3	0.7
Benzo(b)fluoranthene	19.3	0.7
Chrysene	25	7
Indeno(1,2,3-cd)pyrene	4.39	0.7
Naphthalene	5.43	4
<i>Methyl Tertiary Butylether</i>	<i>0.48</i>	<i>0.3</i>
<i>Tetrachloroethane</i>	<i>0.22</i>	<i>0.02</i>
<i>C9-C18 Aliphatics</i>	<i>2,400</i>	<i>1,000</i>
<i>C19-C36 Aliphatics</i>	<i>23,800</i>	<i>2,500</i>
<i>C11-C22 Aromatics</i>	<i>620</i>	<i>200</i>

- Note:*
- 1. Recent testing of surficial soil for cadmium did not indicate the presence of an RCS-1 exceedence. Maximum cadmium noted in recent surficial soil sampling was 8.21 mg/kg.*
 - 2. Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, and Indeno(1,2,3-cd)pyrene were noted above RCS-1 concentrations in surficial soils collected by HEA but due to the presence of coal, coal ash and coal clinkers in surficial soil their presence is exempt from reporting in accordance with 310 CMR 40.0317(9).*

GROUND WATER (in mg/l)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCGW-1 Concentration</u>
Benzene	0.0136	0.005
Tetrachloroethene	0.0071	0.005
1,1-Dichloroethane	0.1138	0.07
Arsenic	0.143	0.05
Chromium(total)	0.477	0.1
Lead	1.56	0.015

**TABLE 1
ANALYTICAL SUMMARY TABLE - SOIL SAMPLES
LAWRENCE, MASSACHUSETTS**

PCB Analysis	03014-SB5		03014-SB5		03014-SB5		03014-F2		03014-SS8		03014-SS8		03014-SS8		
	NORTH	SOUTH	EAST	WEST	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST
AROCLOR 1016/1242	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AROCLOR 1254	2,100	BDL	2,000	2,300	BDL	BDL	6,100	950	3,000	3,400	2,700	3,000	3,400	2,700	2,300
AROCLOR 1260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

VOC Analysis

Trichlorofluoromethane	1,000	200	690	720	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethane	220	BDL	BDL	79	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

PCB Analysis	03014-SS7		03014-SS7		03014-SS7		03014-F7		03014-SS2		03014-SS6		03014-ALL	
	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST	SS1	SS1	SS1	SS1	SS1	SS1
AROCLOR 1016/1242	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2,000	BDL	BDL	BDL	BDL	BDL
AROCLOR 1254	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3,000	BDL	BDL	BDL	BDL	BDL	BDL
AROCLOR 1260	3,200	2,600	3,200	3,500	2,900	2,900	BDL	BDL	BDL	BDL	57,000	BDL	BDL	BDL

VOC Analysis

Trichlorofluoromethane	NA	NA	NA	BDL	NA	NA	2,700	NA	NA	470	110	NA	BDL	BDL
1,1,1-Trichloroethane	NA	NA	NA	BDL	NA	NA	BDL	NA	NA	250	BDL	NA	BDL	BDL
Tetrachloroethane	NA	NA	NA	79	NA	NA	BDL	NA	NA	BDL	BDL	NA	BDL	BDL

PCB Analysis	03014-SB6-03014-SB6-03014-SB6-03014-SB6		03014-SB6-03014-SB6-03014-SB6	
	SS2	N1	E1	S1
AROCLOR 1016/1242	BDL	BDL	BDL	BDL
AROCLOR 1254	BDL	BDL	BDL	BDL
AROCLOR 1260	BDL	92,000	3,800	BDL

- Notes: 1. All values expressed in micrograms per kilogram (ug/kg) or parts per billion (ppb).
2. BDL indicates that the analyte was not detected above laboratory detection limits.
3. NA = Not Analyzed.
4. Samples were collected on April 28, 1999 and June 4, 1999 (SB6-SS2 through SB6-S1).
5. PCB analysis performed by EPA Method 8082.
6. VOC Analysis performed by EPA Method 8021B via EPA Method 8260B.
7. VOC = Volatile Organic Compounds

**TABLE 2 - LABORATORY RESULTS - GROUND WATER
TOMBARELLO'S YARD, LAWRENCE, MA**

Sample Location					MCP Method 1 Standards		
	03014- MW1-GW2	03014- MW5-GW1	03014- MW6-GW1	03014- MW7-GW1	GW1	GW2	GW3
Compounds							
EXTRACTABLE PETROLEUM HYDROCARBONS							
C9-C18 Aliphatics	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
C19-C36 Aliphatics	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
C11-C22 Aromatics	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Naphthalene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
2-Methylnaphthalene	ND(0.01)	ND(0.01)	NT	NT	NA	NA	NA
Phenanthrene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Acenaphthene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Acenaphthalene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Anthracene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Benzo(a)Anthracene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Benzo(a)Pyrene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Benzo(b)Fluoranthene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Benzo(g,h,i)Perylene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Benzo(k)Fluoranthene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Chrysene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Dibenzo(a,h)Anthracene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Fluoranthene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Fluorene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
Indeno(1,2,3-cd)Pyrene	ND(0.0002)	ND(0.0002)	NT	NT	NA	NA	NA
Pyrene	ND(0.02)	ND(0.02)	NT	NT	NA	NA	NA
METALS - ARSENIC, CHROMIUM AND LEAD							
Arsenic	ND(0.01)	ND(0.01)	0.01	0.02	0.05	NA	0.4
Chromium	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.10	NA	2
Lead	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	NA	0.03
VOLATILE PETROLEUM HYDROCARBONS							
All Parameters	ND	ND	NT	NT	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS							
Tetrachloroethene	ND(0.001)	ND(0.001)	0.002	ND(0.001)	0.005	3	5
MTBE	ND(0.001)	ND(0.001)	0.005	ND(0.001)	0.07	50	50
Trichloroethene	ND(0.001)	ND(0.001)	0.01	ND(0.001)	0.005	0.3	20
Chloroethane	ND(0.001)	ND(0.001)	ND(0.001)	0.01	RCGW1	1	

Notes:

1. Samples collected on June 10, 1999.
2. Results reported in milligrams per kilogram or milligrams per liter (parts per million).
3. Extractable and volatile petroleum hydrocarbons by MA DEP-specified methods. Metals by U.S. EPA 6010/7470, VOCs by U.S. EPA Method 8260
4. Method 1 ground water standards.
GW-2 and GW-3 standards. Results in bold exceed one or more standards.
5. ND(#) = Not detected at laboratory detection limit noted. NT = Not Tested.

SOIL BORING/MONITORING LOG

PROJECT NO. 03014-99	DATE STARTED: 6/1/99	SOIL BORING/WELL NO.: SB5/MW5
PROJECT Tombarello's	DATE COMPLETED: 6/1/99	SHEET 1 of 1
LOCATION: Lawrence, MA	DRILLING CO.: NH Boring	CHECKED BY: JBH
HEA PERSONNEL JBH	FOREMAN: Greg Levitt	

DRILLING METHOD		SAMPLER		GROUND WATER MEASUREMENTS			
MAKE: Failing	TYPE: 2ftx2inch Split Spoon	DATE	DEPTH(ft)	DATUM	STABILIZATION		
MODEL: track-mounted	HAMMER 140 lbs.	6/1/99	7	BGS	Drilling		
TYPE: 4.25" IDHSA	FALL: 30 inches						

Depth(ft.)	Sample				Sample Description	Stratum	Well	Field	Notes		
	No.	Pen/Rec (inches)	Depth (feet)	Blows						Description	Schematic
1					Earthen HSA to five feet below grade.	Sand	Concrete				
2					Brown, C-F SAND, Some Subang. Fine Gravel Dry.						
3											
4											
5											
	S1	24/14	5-7	4-4	Light Brown, VF-F SAND, little/trace Silt, Wet, Saturated in tip, M. Dense.					0.0	1
6				6-7							
7											
8											
9											
10											
	S2	24/19	10-12	7-7	Similar to S1 except Saturated, some/little M. Sand.					0.0	
11				9-13							
12											
13											
14											
15											
	S3	15/12	15-	18-76	15-15.8ft: Similar to 10-12ft. 15.8-16.2ft: Ang. Rock fragments (Gabbro diorite)	Bedrock		0.0			
			16.2	50/0.2'							

Granular Soils		Cohesive Soils		Composition of Soil		Notes:
Blows/Ft.	Density	Blows/Ft.	Consistency	Percentage	Description	
0-4	V. Loose	<2	V. Soft	0-10	Trace	1. Field Headspace Screening with an 11.7 eV Photoionization Detector
4-10	Loose	2-4	Soft	10-20	Little	
10-30	M. Dense	4-8	M. Stiff	20-35	Some	
30-50	Dense	8-15	Stiff	35-50	And	
>50	V. Dense	15-30	V. Stiff			
		>30	Hard			

SOIL BORING/MONITORING LOG

PROJECT NO. 03014-99	DATE STARTED: 6/1/99	SOIL BORING/WELL NO.: SB6/MW6
PROJECT Tombarello's	DATE COMPLETED: 6/1/99	SHEET 1 of 1
LOCATION: Lawrence, MA	DRILLING CO.: NH Boring	CHECKED BY: JBH
HEA PERSONNEL JBH	FOREMAN: Greg Levitt	

DRILLING METHOD	SAMPLER	GROUND WATER MEASUREMENTS			
MAKE: Failing	TYPE: 2ftx2inch Split Spoon	DATE	DEPTH(ft)	DATUM	STABILIZATION
MODEL: track-mounted	HAMMER 140 lbs.	6/1/99	7	BGS	Drilling
TYPE: 4.25" IDHSA	FALL: 30 inches				

Depth(ft.)	Sample				Sample Description	Stratum	Well	Field	Notes	
	No.	Pen/Rec (inches)	Depth (feet)	Blows						Description
1					Earthen HSA to five feet below grade. Brown, F SAND, some Silt. Dry.	Sand	Concrete			
2										
3										
4										
5										
	S1	24/24	5-7	5-5	Light Brown, F SAND, some Silt, little C-F Sand layers. Saturated at 7 feet. M. Dense.		Bentonite	0.0	1	
6				6-7						
7										
8										
9										
	S2	24/20	10-12	13-20	Light Brown-Gray, F SAND, some Silt, little subang.		Sand Pack	0.0		
11				28-28	Gravel, trace Clay. Dense					
12										
13										
14										
	S3	24/15	15-17	23-20	Similar to S2.			0.0		
				40-21						

Granular Soils		Cohesive Soils		Composition of Soil		NOTES:
Blows/FL	Density	Blows/Ft.	Consistency	Percentage	Description	
0-4	V. Loose	<2	V. Soft	0-10	Trace	1. Field Headspace Screening with an 11.7 eV Photoionization Detector
4-10	Loose	2-4	Soft	10-20	Little	
10-30	M. Dense	4-8	M. Stiff	20-35	Some	
30-50	Dense	8-15	Stiff	35-50	And	
>50	V. Dense	15-30	V. Stiff			
		>30	Hard			

SOIL BORING/MONITORING LOG

PROJECT NO. 03014-99	DATE STARTED: 6/1/99	SOIL BORING/WELL NO.: SB7/MW7
PROJECT Tombarello's	DATE COMPLETED: 6/1/99	SHEET 1 of 1
LOCATION: Lawrence, MA	DRILLING CO.: NH Boring	CHECKED BY: JBH
HEA PERSONNEL JBH	FOREMAN: Greg Levitt	

DRILLING METHOD	SAMPLER	GROUND WATER MEASUREMENTS			
MAKE: Failing	TYPE: 2ftx2inch Split Spoon	DATE	DEPTH(ft)	DATUM	STABILIZATION
MODEL: track-mounted	HAMMER 140 lbs.	6/1/99	8	BGS	Drilling
TYPE: 4.25" IDHSA	FALL: 30 inches				

Depth(ft.)	Sample				Sample Description	Stratum Description	Well Schematic	Field Screening (PPM) (1)	Notes
	No.	Pen/Rec (inches)	Depth (feet)	Blows					
1					SAND and Gravel at Grade HSA to five feet below grade.	Sandy Fill	Concrete		
2					2-3ft: Fill; Dark Gray to Black, C-F SAND and BRICK, WOOD, GLASS, little M-F Subang. - Rounded Gravel.				1.7
3							Bentonite		
4									
5									
	S1	24/2	5-7	4-1	Similar to above off augers. Very Loose. Wet in tip.			0.0	
6				1-3					
7									
8							Sand Pack		
9									
10									
	S2	24/6	10-12	3-1	Similar to S1. Saturated.			0.0	
11				2-3					
12									
13									
14									
15									
	S3	24/4	15-17	2-1	Similar to S2.			0.0	
				1-2					

Granular Soils		Cohesive Soils		Composition of Soil		Notes:
Blows/Fl.	Density	Blows/Fl.	Consistency	Percentage	Description	
0-4	V. Loose	<2	V. Soft	0-10	Trace	1. Field Headspace Screening with an 11.7 eV Photoionization Detector
4-10	Loose	2-4	Soft	10-20	Little	
10-30	M. Dense	4-8	M. Stiff	20-35	Some	
30-50	Dense	8-15	Stiff	35-50	And	
>50	V. Dense	15-30	V. Stiff			
		>30	Hard			



**IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM**

Release Tracking
Number

3-18126

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

A. RELEASE OR THREAT OF RELEASE LOCATION:

Release Name:
(optional)

Street: 207 Marston Street

Location Aid: Hofman Avenue

City/Town: Lawrence

ZIP Code: 01843

Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.

Specify Program: CERCLA HSWA Corrective Action Solid Waste Management RCRA State Program (21C Facilities)

Related Release Tracking Numbers That This IRA

Addresses:

B. THIS FORM IS BEING USED TO: (check all that apply)

Submit an IRA Plan (complete Sections A, B, C, D, E, H, I, J and K).

Check here if this IRA Plan is an update or modification of a previously approved written IRA Plan.

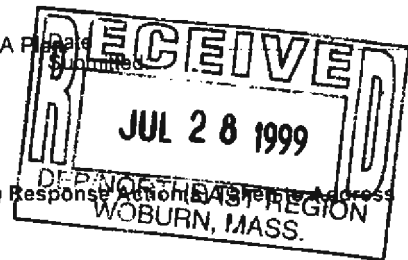
Submit an Imminent Hazard Evaluation (complete Sections A, B, C, F, H, I, J and K).

Submit an IRA Status Report (complete Sections A, B, C, E, H, I, J and K).

Submit a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action at an Imminent Hazard (complete Sections A, B, C, D, E, H, I, J and K).

Submit an IRA Completion Statement (complete Sections A, B, C, D, E, G, H, I, J and K).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.



C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT

Identify Media and Receptors Affected: (check all that apply)
Air Groundwater Surface Water Sediments Soil
Wetland Storm Drain Paved Surface Private Well Public Water Supply Zone 2 Residence
School Unknown Other Specify _____

Identify Conditions That Require IRA, Pursuant to 310 CMR 40.0412: (check all that apply)
72 Hour Reporting Condition(s) Substantial Release Migration 2 Hour Reporting Condition(s) Other Condition(s)

Describe: Required by 3/31/99 Notice of Responsibility & Interim Deadline Letter

Identify Oils and Hazardous Materials Released: (check all that apply)
 Others Oils Chlorinated Solvents Heavy Metals
Specify: As residual concentrations in soil and water

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
- Excavation of Contaminated Soils
 - Re-use, Recycling or Treatment
 - On Site Off Site Est. Vol.: _____ cubic yards
 - Describe _____
 - Store On Site Off Site Est. Vol.: _____ cubic yards
 - Landfill Cover Disposal Est. Vol.: _____ cubic yards
- Removal of Drums, Tanks or Containers
 - Describe _____
- Deployment of Absorbent or Containment Materials
- Temporary Covers or Caps
- Bioremediation
- Soil Vapor Extraction
- Structure Venting System
- Product or NAPL Recovery
- Groundwater Treatment Systems
- Air Sparging
- Temporary Water Supplies

SECTION D IS CONTINUED ON THE NEXT PAGE.



**IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM**

Release Tracking
Number

3-18126

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart
D)

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

Removal of Other Contaminated Media

Specify Type and
Volume: _____

Other Response Actions Describe _____

Check here if this IRA involves the use of Innovative Technologies (DEP is interested in using this information to aid in creating an innovative Technologies Clearinghouse).

Describe
Technologies: _____

Temporary Evacuation or Relocation of
Residents

Fencing and Sign Posting

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of
Facility: Barre Landfill

Town and
State: Barre, Massachusetts

Quantity of Remediation Waste Transported to
Date: 106.87 tons

F. IMMEDIATE HAZARD EVALUATION SUMMARY: (check one of the following)

Based upon an evaluation, an Imminent Hazard exists in connection with this Release or Threat of Release.

Based upon an evaluation, an Imminent Hazard does not exist in connection with this Release or Threat of Release. Due to completion of fencing.

Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.

Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

G. IRA COMPLETION STATEMENT:

Check here if future response actions addressing this Release or Threat of Release will be conducted as part of the Response Actions planned for a Site that has already been Tier Classified under a different Release Tracking Number, or a Site that is identified on the Transition List as described in 310 CMR 40.0600 (i. e., a Transition Site, which includes Sites with approved Waivers). These additional response actions must occur according to the deadlines applicable to the earlier Release Tracking Number (i. e., Site ID Number).

State Release Tracking Number (i. e., Site ID Number) of Tier Classified Site or Transition Site: _____

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the IRA Completion Statement.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an Immediate Response Action Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an Imminent Hazard Evaluation is being submitted, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation complies(y) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> if Section B of this form indicates that an Immediate Response Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an Immediate Response Action Completion Statement or a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

SECTION H IS CONTINUED ON THE NEXT PAGE.



IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM

Release Tracking
Number:

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

3 - 18126

H. LSP Opinion (continued):

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: Jonathan B. Higgins LSP #: 3605 Stamp:
Telephone: 978 834-9000 Ext.:
FAX: 978 834-9966
Signature: [Signature] Date: 7/28/99



I. PERSON UNDERTAKING IRA:

Name of Organization: American Recycling, Inc.
Name of Contact: Peter Prinz Title: Vice President, COO
Street: P.O. Box 76488
City/Town: Highland Heights State: KY ZIP Code: 41076
Telephone: 606 572-0199 Ext.: FAX: (optional)

Check here if there has been a change in the person undertaking the IRA.

J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one)

RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP:
 Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
 Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

Any Other Person Undertaking IRA Specify John C. Tombarvello & Sons, Inc (Former owner/operator)

K. CERTIFICATION OF PERSON UNDERTAKING IRA:

I, Peter Prinz, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: [Signature] Title: V.P.
For: American Recycling, Inc. Date: 7/28/99
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:
Street:
City/Town: State: ZIP Code:
Telephone: Ext.: FAX: (optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

FILE COPY



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston - Northeast Regional Office

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

LAUREN A. LISS
Commissioner

JUL 1 2 1999

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

American Recycling, Inc.
P.O. Box 76488
Highland Heights, KY 41076

RE: Lawrence
207 Marston Street
RTN 3-18126
Interim Deadline

Attn: Mr. Michael Price, President

Dear Mr. Price:

On June 21, 1999, the Massachusetts Department of Environmental Protection (the Department) conducted an unannounced compliance inspection at the John C. Tombarello & Sons metal recycling yard located at 207 Marston Street in Lawrence, MA (the site). One purpose of the inspection was to determine whether a fence was constructed at the site in accordance with a June 1, 1999 Modified Immediate Response Action (IRA) Plan, prepared by Higgins Environmental Associates, Inc. (HEA), Jonathan Higgins, Licensed Site Professional (LSP #3605) and verbally approved by the Department on May 28, 1999. The fence was intended "to control access to the Site by children and as such, to abate a potential Imminent Hazard condition posed by surficial soil.". According to the June 1, 1999 modified IRA plan, the fence was to be placed along the top of the earthen berm and connected to existing fences on either side of the site. The new fence was to consist of five lines of barbed wire, with the top line approximately 5 feet high, and the incorporation of a highly visible line of tape for visual demarcation of the fence. Construction of the fence was to commence on June 2, 1999, and be completed within two weeks.

During the June 21, 1999 inspection, the Department noted the following condition of the fence:

- the height of the fence was approximately 3.5 feet;
- the east end of the fence was a few feet short of meeting the fence running along the east property boundary;

This information is available in alternate format by calling our ADA Coordinator at (617) 574-6872.

- the west end of the fence was several feet short of meeting the fence running along the southwestern property boundary; and,
- there was no highly visible line of tape demarcating the fence.

In light of the above, the Department has determined that the fence (1) was not installed in accordance with the June 1, 1999 approved IRA plan, (2) was not providing a sufficient physical barrier to control site access by children and (3) presents a physical hazard without the identification tape. These concerns were discussed with Mr. Higgins at the time of the inspection and again with Mr. Higgins in a telephone conversation on June 25, 1999. At that time, Mr. Higgins indicated that Mr. Prinz, Vice President of American Recycling conducting operational oversight for the Tombarello yard, was informed of the concerns and was making arrangements to rectify the fence to be in conformance with the IRA Plan.

NECESSARY RESPONSE ACTIONS/INTERIM DEADLINES

The Department has determined that the following response actions must be conducted at the site within **7 days** of the date of this correspondence:

1. The barbed wire fence must be extended to meet with the other fencing located on the east and southwest boundaries of the site. The purpose of doing such is to close the gaps on the east and west end of the fence;
2. The fence must be extended to a height of at least five feet above the ground surface; and,
3. A highly visible line of tape must be added to the fence. The purpose of doing so is to clearly demarcate the fence.

In addition, a letter documenting that these actions have been taken must be submitted to the Department within **14 days** of the date of this correspondence.

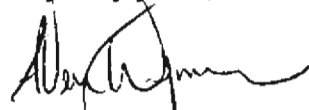
Please be advised that the above deadlines are considered interim deadlines pursuant to 310 CMR 40.0167.

If you fail to voluntarily undertake the response action(s) necessary at the subject site within the Interim Deadline(s) established herein, the Department may perform such response actions and seek to recover the Department's costs and/or may initiate other appropriate enforcement actions to ensure that such response actions are conducted. The Department's decision to establish one or

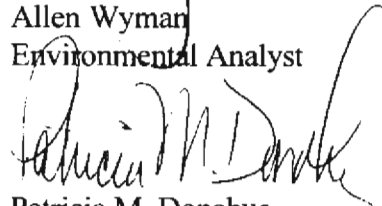
more Interim Deadlines in accordance with 310 CMR 40.0167 is not subject to M.G.L. c. 30A or any other law governing adjudicatory proceedings.

If you have any questions relative to this notice, please contact Allen Wyman at the letterhead address or (978) 661-7600.

Very truly yours,



Allen Wyman
Environmental Analyst



Patricia M. Donahue
Chief, Audit Section
Bureau of Waste Site Cleanup

cc: DEP/BWSC/NERO/Data Entry/Files, INTLET
DEP/BWSC/NERO/Dick Chalpin, Enforcement Coordinator
Board of Health, 200 Common Street, Lawrence, MA 01840
Mayor, 200 Common Street, Lawrence, MA 01840
Tombarello & Sons, 207 Marston Street, Lawrence, MA 01841
Attn: Peter Prinz
Tombarello Recycling, Inc., 35 Woodworkers Way, Seabrook, NH 03874
Attn: George R. Tombarello
Joseph Fitzgibbons, Attorney At Law, 126A Pleasant Valley St., Methuen, MA 01844
Attn: Joseph Fitzgibbons
Higgins Environmental Associates, Inc., 19 Elizabeth Street, Amesbury, MA 01913
Attn: Jonathan Higgins
W.Z. Baumgartner & Associates, Inc., P.O. Box 680369, 37068-0369,
310 Williamson Sq., Franklin, TN 37064 Attn: Bill Baumgartner, President

SL = Wyman

**BILL OF LADING SUPPORTING INFORMATION
JOHN C. TOMBARELLO & SONS, INC.
207 MARSTON STREET, LAWRENCE, MASS.
RTN 3 - 18126**

Site History:

The subject property located at 207 Marston Street in Lawrence, Massachusetts has been the location of an active metal scrap receiving and processing facility for approximately the past thirty years. Prior to that time, portions of the subject property were utilized as a community landfill, a farm, and a soap manufacturer. Processing of metal scrap has historically involved: segregation according to metal type and grade; cutting (shearing) of metal to manageable size; and stockpiling for subsequent off-site shipment. Soils generated as part of this Bill of Lading submittal were removed from a portion of the subject site over the location of the historical community landfill. Stockpiled soil was generated from an area of a surficial release of heat transfer oil. Stockpiled soil represents additional excavation of soil from a previous soil excavation by others in response to the heat transfer oil release. Soil contaminants may consist of remaining heat transfer oil impacts as well as contaminants associated with the historical use of the subject site.

Sampling and Analytical Methods and Procedures:

Excavated soil is located within twelve (12) sections of modified steel storage vessels. The vessels are covered with steel plating to limit infiltration of rain water. On November 4, 1998 and April 14, 1999, Mr. Peter Prinz of American Recycling, Inc. collected samples of soil from within the storage vessels. Based on HEA's discussion with Mr. Prinz, three grab samples were collected from each storage vessel (on both sampling events) from a depth of five inches below the surface of soil and composited together. Samples for laboratory analysis represent composited grab samples from each vessel. On May 12, 1999, Higgins Environmental Associates, Inc. (HEA) collected additional soil for laboratory analysis from the storage vessels. HEA initially collected one grab sample per storage vessel (total of 12 samples) for PID headspace screening. Grab samples were collected at approximately two feet into soil stored within each vessel. PID headspace screening with a 10.6 electron volt lamp did not indicate the presence of total volatile organic compounds. As such, HEA collected one discrete sample (from the northeasterly most storage vessel) following U.S. EPA Method 5035 collection procedures for laboratory analysis of VOCs by U.S. EPA Method 8260. HEA then composited the grab samples from each of the twelve storage vessels into one composite sample for laboratory analysis for polychlorinated biphenyls by U.S. EPA Method 8082. HEA labeled each laboratory sample as to location, sample designation, time and date of collection, and preservation method. Samples were then placed into a sample cooler with ice and maintained under Chain-of-Custody documentation through pick-up by the laboratory.

Laboratory Data and Field Screening:

Laboratory data sheets for stockpiled soil are attached with this submittal. Laboratory analyses were performed by laboratories certified in Massachusetts under the non-potable water certification process. PID headspace screening of soil has not indicated the presence of total VOCs.

**STOCKPILE SOIL LABORATORY RESULTS
JOHN C. TOMBARELLO & SONS, INC.
207 MARSTON STREET, LAWRENCE, MASS.
RTN 3 - 18126**

**DEP Policy #COMM-97-001
Table 1 - Criteria (in mg/kg)**

**Stockpile Soil Results
Maximum Concentration in mg/kg**

Total Arsenic	40	17.3
Total Cadmium	80	2.19
Total Chromium	1,000	45.1
Total Lead	2,000	648
Total Mercury	10	0.52
Total Petroleum Hydrocarbons	5,000	202
Total PCBs (EPA Method 8082)	< 2	1.2
Total SVOCs (EPA Method 8270)	100	9.06
Total VOCs (EPA Method 8260)	10	0.08
Conductivity (umhos/cm)	8,000 umhos/cm	Not Applicable
TCLP	No exceedences	No exceedences

Note: 1. Stockpiled soil is not expected to contain elevated concentrations of NaCl.
2. VOCs by EPA Methods 5035 and 8260. VOCs collected as grab sample based on highest PID headspace screening result from stockpiled soil.



**Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup**

BWSC-012A

Release Tracking Number

JB

3-18126

BILL OF LADING (pursuant to 310 CMR 48.0000)

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

Release Name (optional): _____

Street: 207 Marston Street Location Address: Hofman Avenue

City/Town: Lawrence Zip Code: 01841 - _____

Date/Period of Generation: 10/16/98 to 10/16/98

Additional Release Tracking Numbers Associated with this Bill of Lading: _____

Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: American Recycling, Inc.

Name of Contact: Peter F. Prinz Title: Vice President, COO

Street: P.O. Box 76488

City/Town: Highland Heights State: KY Zip Code: 41076 - _____

Telephone: 606-572-0199 Ext. _____

C. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

(check one/specific)

RP Specify (circle one): Owner Operator Generator Transporter Other RP:

PRP Specify (circle one): Owner Operator Generator Transporter Other PRP:

Fiduciary/Secured Lender

Agency/Public Utility on a Right of Way

Other Person: John C. Tombarrello & Sons, Inc. (Former Operator)

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

RECEIVED
JUL 12 1999
DEP/NORTHEAST REGION
WOBURN, MASS.

D. TRANSPORTER/Common CARRIER INFORMATION:

Transporter/Common Carrier Name: Waste Management

Contact Person: Stephanie Starr Title: _____

Street: 6000 New Ludlow Road

City/Town: South Hadley State: MA Zip Code: 01075 - _____

Telephone: 413-467-3200 Ext. _____

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: Barre Landfill

Contact Person: Stephanie Starr Title: _____

Street: DePot Road

City/Town: Barre State: MA Zip Code: 01005 - _____

Telephone: 413-467-3200 Ext. _____

Type of Facility: (check one)
 Asphalt Batch/Cold Mix
 Asphalt Batch/Hot Mix
 Thermal Processing
 Landfill/Disposal
 Landfill/Daily Cover
 Landfill/Structural Fill
 Incinerator
 Temporary Storage
 Other: _____

Division of Hazardous Waste/Class A Permit #: _____ Division of Solid Waste Management Permit #: P23881 EPA Identification #: _____

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): ___/___/___ to ___/___/___

Reason for Temporary Storage (if applicable): _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

Release Tracking Number:

3-18126

BILL OF LADING (pursuant to 310 CMR 40.0000)

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued):

Temporary Storage Address:

Street: _____

City/Town: _____ State: _____ Zip Code: _____

F. DESCRIPTION OF REMEDIATION WASTE:

(check all that apply)

Contaminated Media (circle all that apply): Soil Groundwater Surface Water Other: _____

Contaminated Debris (circle all that apply): Demolition/Construction Waste Vegetation/Organic Materials
Inorganic Absorbent Materials Other: _____

Non-hazardous Uncontainerized Waste (circle all that apply): Non-aqueous Phase Liquid Other: _____

Non-hazardous Containerized Waste (circle all that apply): Tank Bottoms/Sludges Containers Drums
Engineered Impoundments Other: _____

Type of Contamination (circle all that apply): Gasoline Diesel Fuel #2 Oil #4 Oil #6 Oil Waste Oil
Kerosene Jet Fuel Other: Historical Soil impacts

Estimated Volume of Materials: Cubic Yards: 100 Tons: 150 Other: _____

Contaminant Source (check one/specify): Transportation Accident Underground Storage Tank Other: Historical Siteuse Non Point

Response Action Associated with Bill of Lading (circle one): Immediate Response Action Release Abatement Measure
Utility-Related Abatement Measure Limited Removal Action (LRA) Comprehensive Response Action

Other (specify): _____

Remediation Waste Characterization Support Documentation attached:

Site History Information Sampling and Analytical Methods and Procedures Laboratory Data Field Screening Data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to DEP.

G. LICENSED SITE PROFESSIONAL (LSP) OPINION:

Name of Organization: Higgins Environmental Assoc., Inc
LSP Name: Jonathan B. Higgins Title: President
Telephone: 978-834-9000 Ext. _____

I attest that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this submittal, and in my professional opinion and judgment based upon application of
(1) the standard of care in 309 CMR 4.02(1),
(2) the applicable provisions of 309 CMR 4.02(2) and (3), and
(3) the provisions of 309 CMR 4.03(5),
to the best of my knowledge, information and belief, the assessment actions undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with the applicable provisions of 310 CMR 40.0000, and each facility is permitted to accept Remediation Waste having the characteristics described in this submittal. I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Signature: _____
Date: 5/21/99
License Number: 3605

Seal:





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

Release Tracking Number:

3-18126

BILL OF LADING (pursuant to 310 CMR 48.0030)

H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: _____

Date: _____

5/24/99

Name of Person (print): _____

Peter F. Prinz

FB 84796



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ OF _____

Release Tracking Number:

3-18126

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [Signature]

Receiving Facility/Temporary Storage Representative: RAVCLAND FILL

Date of Shipment: 5/27/99 Time of Shipment: _____ (circle one) am/pm

Date of Receipt: 5/27/99 Time of Receipt: 12:30 (circle one) am/pm

Truck/Tractor Registration: 26383 Trailer Registration (if any): 84591

Load Size (cu. yds./tons): 31.4

LOAD 2: Signature of Transporter Representative: _____

Receiving Facility/Temporary Storage Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____

Receiving Facility/Temporary Storage Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____

Receiving Facility/Temporary Storage Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____

Receiving Facility/Temporary Storage Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____

Receiving Facility/Temporary Storage Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____

Receiving Facility/Temporary Storage Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 31.4 tons

Total Carried Forward (cu. yds./tons): _____

Total Carried Forward and This Page (cu. yds./tons): 31.4 tons

FB 89796



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ OF _____

Released Tracking Number:

3-18126

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Date of Shipment: 5/27/99 Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: 48437 Trailer Registration (if any): 67425

Receiving Facility/Temporary Storage Representative:

BAIRE LAIDFILL
Date of Receipt: 5/27/99 Time of Receipt: 12:36
(circle one) am/pm

Load Size (cu. yds./tons): 36.45

LOAD 2: Signature of Transporter Representative:

Date of Shipment: 5/27/99 Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: 48437 Trailer Registration (if any): 67425

Receiving Facility/Temporary Storage Representative:

BAIRE LAIDFILL
Date of Receipt: 5/27/99 Time of Receipt: 4:30
(circle one) am/pm

Load Size (cu. yds./tons): 39.02

LOAD 3: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 75.47

Total Carried Forward (cu. yds./tons): 31.40

Total Carried Forward and This Page (cu. yds./tons): 106.87



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 46.0000)
SUMMARY SHEET

Release Tracking Number:

3-18126

L. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE LOCATION:

Receiving Facility/Temporary

Location Representative (print): _____

Title: _____

Signature: _____

Date: ___/___/___

M. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: _____

Date: 5/27/99

Name of Person (print): Peter F. Prinz

DEP
NORTHEAST REGIONAL OFFICE

99 JUL 12 PM 4:39

RECEIVED



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET

Business Tracking Number:

3-18126

L. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE LOCATION:

Receiving Facility/Temporary Location Representative (print): Stephen Kelly Title: Compliance Manager
Signature: Stephen Kelly Date: 6/4/99

M. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: [Signature] Date: 5/27/99
Name of Person (print): Peter F. Smith

TEL (978) 880-8226
 FAX (978) 886-6884
 AMERICAN RECYCLING OF MASS., INC.
 D/B/A JOHN C. TOMBARIELLO & SONS
 207 MARSTON ST., LAWRENCE, MASS. 01841

22067
 FB# 84776
 DIRT
 CERTIFIED SCALE WEIGHTS

LOAD OF _____
 FROM _____
 TO _____
 DRIVER ON OFF CARRIER'S NO. LAM 8

GROSS 99700 LB 10:48 AM 05/27/99
 TARE 35800 LB 09:23 AM 05/27/99
 NET 63900

WEIGHER _____ FEE _____

Form No. 60

THIS SHIPPING ORDER must be highly filled in, in ink, in legible hand or in Carbon, and returned by the Agent, RECEIVED, subject to the conditions and terms set forth on the back of this Shipping Order.

FB# 84796
Carrier's No.

(Name of Carrier) Shipper's No.

**American Recycling of Mass., Inc. d/b/a/
JOHN C. TOMBARELLO & SONS, INC.
LAWRENCE, MASS.**

FROM
AI

May 27, 19 **99**

This order is subject to the conditions and terms set forth on the back of this Shipping Order. It is intended to be used for the shipment of goods and is not to be used for the shipment of hazardous materials. The carrier shall not be liable for any loss or damage to the goods or for any delay in the delivery of the goods unless it is caused by the negligence of the carrier. The carrier shall not be liable for any loss or damage to the goods or for any delay in the delivery of the goods unless it is caused by the negligence of the carrier. The carrier shall not be liable for any loss or damage to the goods or for any delay in the delivery of the goods unless it is caused by the negligence of the carrier.

Consigned to **Billy Landfill**

(Mail or street address of consignee - For purposes of notification only.)

Destination **Depot Rd, MA** State **MA** County _____

Delivery Address * _____

(* To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route _____

IGH # 8

Car or Vehicle Initials _____

No. _____

No. Packages	Unit	Weight, Description of articles, Special marks, and Exemption	Weight Paid at Consignee	Class or Code	Charge	Remarks
		dirt	99,700			
		gross	35,800			
		net	63,900			

Collect On Delivery and remit to _____

C. O. D. Charge to be paid by Shipper Consignee

Shipper's receipt in lieu of invoice and a part of bill of lading approved by the Interstate Commerce Commission.

If the recipient cannot be reached by a carrier by mail, the carrier may deliver the bill of lading and merchandise to the recipient or shipper's agent. The recipient or shipper's agent must sign the bill of lading and merchandise and return it to the carrier. The recipient or shipper's agent must also sign the bill of lading and merchandise and return it to the carrier.

TOMBARELLO & SONS, INC. Shipper, Per _____

Signature of consignee

Permanent postoffice address of shipper, **207 MARSTON ST., LAWRENCE, MASS.**

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading

2

Form No. 60

THIS SHIPPING ORDER must be legibly filled in ink on **legible** paper, or in carbon, and returned to the carrier for the carrier's use.

Subject to the classification and terms in effect on the date of the issue of this Shipping Order.

PS 484776

Carrier's No.

(Name of Carrier) Shipper's No.

American Recycling of Mass., Inc.
JOHN C. TOMBARELLO & SONS, INC.
LAWRENCE, MASS.

FROM
AT

May 27, 19 **99**

The carrier, its agents, servants, and employees, shall be liable for the loss of or damage to the goods, if the carrier, its agents, servants, or employees, or the vessel, is negligent in the performance of its duties. The carrier, its agents, servants, or employees, shall be liable for the loss of or damage to the goods, if the carrier, its agents, servants, or employees, or the vessel, is negligent in the performance of its duties. The carrier, its agents, servants, or employees, shall be liable for the loss of or damage to the goods, if the carrier, its agents, servants, or employees, or the vessel, is negligent in the performance of its duties.

Consigned to **Barry Landfill**

(No. or third address of consignee - for purposes of notification only.)

Depot road **Barr, MA** State **MA** County **MA**

Delivery Address *

(* To be filled in only when shipper desires and governing tariffs provide for delivery address.)

Route

Charlton Welding # 13 67475

Car or Vehicle Initials

No.

No. Package	HA	Weight (Gross or Net)	Weight (Gross or Net)	Class or Rate	Check or Remarks
		dirt	gross 106980		
			large 35320		
			net 71660		

Collect On Delivery and remit to

C. O. D. Charge to be paid by Shipper Consignee

Received 3

The charges are to be prepaid, with or without receipt, to the consignee.

(The signatory here acknowledges only the amount prepaid.)

Agent or Consignee

[Signature]

The bills of lading herein are subject to the terms, conditions and exceptions set forth in the back of this bill of lading, which are hereby accepted by the shipper and consignee. The shipper and consignee hereby agree to the terms, conditions and exceptions set forth in the back of this bill of lading, which are hereby accepted by the shipper and consignee.

TOMBARELLO & SONS, INC. Shipper, Per

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading

Permanent postoffice address of shipper, **207 MARSTON ST., LAWRENCE, MASS.**

2

Feb 84796
22066

AMERICAN RECYCLING OF MASS., INC.
DYMA JOHN C. TOMBARIELLO & SONS
207 MARSTON ST., LAWRENCE, MASS 01841

TEL (978) 682-5226
FAX (978) 686-6464

CERTIFIED SCALE WEIGHTS

Dirt

LOAD OF _____

FROM _____

TO _____

DRIVER ON OFF _____ CARRIER'S NO. CHALLOT 600013

GROSS 105920 LB 10:41 AM 05/27/99

TARE 35320 LB 09:22 AM 05/27/99

NET 71660

WEIGHER _____ FEE _____



Form No. 60

THIS SHIPPING ORDER

REC'D PB 84796
Carrier's No.

(Name of Carrier) Shipper's No.

**American Recycling of Mass., Inc. d/b/a/
JOHN C. TOMBARELLO & SONS, INC.
LAWRENCE, MASS.**

May 27 19 99

FROM
A1

Consigned to
BARRY LANDFILL

Destination
Depot Rd. BARRY, MA.

State
MA

County
BRISTOL

Delivery Address
13 - 57475

Route
Charlton - 13 - 57475

Delivering Carrier
HM

No. Packages	Class or Rate	Weight or Measure	Car or Vehicle Initials
		Gross	
		Tare	
		Net	

Collected On Delivery and remitted to
\$

C. O. D. Charge to be paid by
Shipper

TOMBARELLO & SONS, INC. Shipper, Per
207 MARSTON ST., LAWRENCE, MASS.

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading

2

PS 84776
22135

AMERICAN RECYCLING OF MASS., INC.
C/O JOHN C. TOMBARIELLO & SONS
287 MARSTON ST., 1 AMPHICE, MASS. 01841

TEL (978) 883-5226
FAX (978) 886-6684

CERTIFIED SCALE WEIGHTS

LOAD OF Pict

FROM _____

TO _____

DRIVER ON OFF CARRIER'S NO. CHAKL107

GROSS 112460 LB 03:00 PM 05/27/99

TARE 35060 LB 02:23 PM 05/27/99

NET 77400

WEIGHER S FEE _____

W. Z. BAUMGARTNER & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

WZ BAUMGARTNER JR., P.E.
MICHAEL E. TANT, P.E.
J. CLABORNE THORNTON, III, P.E.

310 WILLIAMSON SQUARE
FRANKLIN, TN 37064
P.O. BOX 880369
FRANKLIN, TN 37088-0369
(615) 595-0025
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WILLIAM H. TUCKER, JR., P.E.
RICHARD L. WILLIAMS, P.E.
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W.C. BARRON, E.T.
CURT D. LANDRUM, E.T.

FACSIMILE TRANSMITTAL

DATE: May 17, 1999

TO: Higgins Environmental Associates, Inc.

ATTENTION: Jon Higgins

FAX NO.: 978-834-9966

FROM: John L. Farmer

RE: Excavated soil analyticals / landfill information

NUMBER OF PAGES ~~10~~ ^{13 AGAIN} INCLUDING COVER LETTER

Comments: Jon:

The following are analytical results for the excavated soil in drums located at American Recycling, Inc. in Lawrence, MA. Also included is information on landfill and hauler. Thanks!

John Farmer

PLEASE CONTACT US AT (615) 595-0025 IF YOU DO NOT RECEIVE ALL PAGES PROPERLY. THANK YOU.

PROJECT NO. 98129



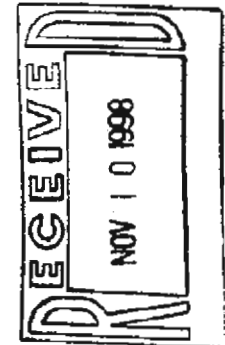
SPECIALIZED ASSOCIATES, INC.

2958 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37234-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

W. Z. BAUMGARTNER & ASSOCIATES 4016
BILL BAUMGARTNER
P. O. BOX 680369
FRANKLIN, TN 37068-0369

Lab Number: 98-A137100
Sample ID: 98129 50700
Sample Type: Soil
Site ID:



Project: 98129
Project Name:
Sampler: BILL BAUMGARTNER

Date Collected: 11/ 4/98
Time Collected:
Date Received: 11/ 5/98
Time Received: 15.55

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS										
Acenaphthene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Acenaphthylene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Anthracene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Benzo(a)anthracene	0.615	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Benzo(a)pyrene	0.755	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Benzo(b)fluoranthene	0.650	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Benzo(g,h,i)perylene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Benzo(k)fluoranthene	0.825	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
4-Bromophenylphenylether	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Butylbenzylphthalate	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Carbazole	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
4-Chloro-3-methylphenol	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
4-Chloroaniline	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
bis(2-Chloroethoxy)methane	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
bis(2-Chloroethyl)ether	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
bis(2-Chloroisopropyl)ether	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2-Chloronaphthalene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2-Chlorophenol	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
4-Chlorophenylphenylether	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Chrysene	0.864	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Dibenzofuran	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Dibenz(a,b)anthracene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
1,2-Dichlorobenzene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
1,3-Dichlorobenzene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
1,4-Dichlorobenzene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
3,3'-Dichlorobenzidine	ND	ng/kg	0.660	0.660	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,4-Dichlorophenol	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Diethylphthalate	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,4-Dimethylphenol	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Dimethylphthalate	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
D-n-butylphthalate	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
4,6-Dinitro-2-methylphenol	ND	ng/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,4-Dinitrophenol	ND	ng/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,4-dinitrotoluene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,6-Dinitrotoluene	ND	ng/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635

John C. Tamborello #1



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A137100
Sample ID: 98129 50700

Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Di-n-octylphthalate	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Fluoranthene	1.15	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Fluorene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Hexachlorobenzene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Hexachlorobutadiene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Hexachlorocyclopentadiene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Hexachloroethane	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Isophorone	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2-Methylnaphthalene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2-Methylphenol	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
m,p-Methylphenol	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Naphthalene	1.56	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2-Nitroaniline	ND	mg/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
3-Nitroaniline	ND	mg/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
4-Nitroaniline	ND	mg/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
Nitrobenzene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2-Nitrophenol	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
4-Nitrophenol	ND	mg/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
N-nitrosodiphenylamine	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Pentachlorophenol	ND	mg/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
Phenanthrene	0.795	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Phenol	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Pyrene	1.18	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
Bis(2-ethylhexyl)phthalate	0.852	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,4,5-Trichlorophenol	ND	mg/kg	0.825	0.825	1	11/10/98	6:23	M. Goodrich	8270C	6635
2,4,6-Trichlorophenol	ND	mg/kg	0.330	0.330	1	11/10/98	6:23	M. Goodrich	8270C	6635
VOLATILE ORGANICS										
Acetone	ND	mg/kg	0.0100	0.0100	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Benzene	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Bromobenzene	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Bromochloromethane	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Bromoform	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Bromomethane	ND	mg/kg	0.0100	0.0100	1	11/ 7/98	20:22	H. Hurt	8260B	6816
2-Butanone	ND	mg/kg	0.0100	0.0100	1	11/ 7/98	20:22	H. Hurt	8260B	6816
n-Butylbenzene	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
sec-Butylbenzene	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
t-Butylbenzene	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Carbon disulfide	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Carbon tetrachloride	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Chlorobenzene	ND	mg/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816

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SPECIALIZED ASSOC'S. INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone: 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A137100
Sample ID: 98129 50700

Page 3

Table with 11 columns: Analyte, Result, Units, Report Limit, Run Limit, Dil Factor, Date, Time, Analyst, Method, Batch. Lists various chemical compounds and their detection results.

11000



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A137100
Sample ID: 98129 50700

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,2,3-Trichloropropane	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
1,2,4-Trimethylbenzene	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
1,3,5-Trimethylbenzene	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Vinyl chloride	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Xylenes	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Bromodichloromethane	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
Trichlorofluoromethane	ND	ng/kg	0.0020	0.0020	1	11/ 7/98	20:22	H. Hurt	8260B	6816
PESTICIDE/PCB's/HERBICIDES										
2,4-D	ND	ng/kg	0.167	0.167	1	11/10/98	13:35	K. Nelson	8151A	6921
2,4,5-T	ND	ng/kg	0.017	0.017	1	11/10/98	13:35	K. Nelson	8151A	6921
2,4,5-TP (Silvex)	ND	ng/kg	0.0167	0.0167	1	11/10/98	13:35	K. Nelson	8151A	6921
Dalapon	ND	ng/kg	0.333	0.333	1	11/10/98	13:35	K. Nelson	8151A	6921
2,4-DB	ND	ng/kg	0.167	0.167	1	11/10/98	13:35	K. Nelson	8151A	6921
Dicamba	ND	ng/kg	0.017	0.017	1	11/10/98	13:35	K. Nelson	8151A	6921
Dichloroprop	ND	ng/kg	0.167	0.167	1	11/10/98	13:35	K. Nelson	8151A	6921
Diuron	ND	ng/kg	0.083	0.083	1	11/10/98	13:35	K. Nelson	8151A	6921
MCPA	ND	ng/kg	16.7	16.7	1	11/10/98	13:35	K. Nelson	8151A	6921
MCPP	ND	ng/kg	16.7	16.7	1	11/10/98	13:35	K. Nelson	8151A	6921
Aldrin	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Aroclor 1016	ND	ng/kg	0.0333	0.0333	1	11/ 7/98	0:42	K. Nelson	8082	6891
Aroclor 1221	ND	ng/kg	0.0666	0.0666	1	11/ 7/98	0:42	K. Nelson	8082	6891
Aroclor 1232	ND	ng/kg	0.0333	0.0333	1	11/ 7/98	0:42	K. Nelson	8082	6891
Aroclor 1242	ND	ng/kg	0.0333	0.0333	1	11/ 7/98	0:42	K. Nelson	8082	6891
Aroclor 1248	ND	ng/kg	0.0333	0.0333	1	11/ 7/98	0:42	K. Nelson	8082	6891
Aroclor 1254	ND	ng/kg	0.0333	0.0333	1	11/ 7/98	0:42	K. Nelson	8082	6891
Aroclor 1260	0.2561	ng/kg	0.0333	0.0333	1	11/ 7/98	0:42	K. Nelson	8082	6891
p-DHC	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
m-DHC	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
p-DHC	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
g-DHC, Lindane	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
4,4'-DDB	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
4,4'-DDE	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
4,4'-DDT	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Bifenthrin	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Endosulfan I	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Endosulfan II	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Endosulfan sulfate	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Endrin	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Endrin aldehyde	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Endrin ketone	ND	ng/kg	0.00333	0.00333	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Heptachlor	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Heptachlor epoxide	ND	ng/kg	0.00166	0.00166	1	11/ 7/98	0:42	K. Nelson	8081A	6891
Methoxychlor	ND	ng/kg	0.01665	0.01665	1	11/ 7/98	0:42	K. Nelson	8081A	6891



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40366
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

Laboratory Number: 98-A137100

Sample ID: 98129 50700

Page 5

Table with columns: Analyte, Result, Units, Report Limit, Quan Limit, Dil Factor, Date, Time, Analyst, Method, Batch. Rows include Toxaphene, alpha-Chlordane, and gamma-Chlordane.

ND = Not detected at the report limit.

Sample Extraction Data

Table with columns: Parameter, Wt/Vol, Extracted, Extract Vol, Date, Analyst, Method. Rows include BHA's, DC Pest, and Herbicides.

Table with columns: Surrogate, % Recovery, Target Range. Lists various chemical surrogates and their recovery percentages.

Report Approved By:

Handwritten signature of Theodore J. Duello.

Report Date: 11/10/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director
Johnny A. Mitchell, Dir. Technical Services



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr
 P.O. Box 40566
 Nashville, TN 37204-0566
 Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Matrix Spike Recovery

Analyte	units	Orig Val.	MS Val	Spike Conc	Recovery	Target Range	R.C. Batch
Acenaphthene	ng/kg	< 0.330	2.85	3.33	85.59	35. - 122.	6635
4-Chloro-3-methylphenol	ng/kg	< 0.330	3.46	3.33	103.90	24. - 117.	6635
2-Chlorophenol	ng/kg	< 0.330	2.34	3.33	70.27	18. - 120.	6635
1,4-Dichlorobenzene	ng/kg	< 0.330	2.16	3.33	64.86	25. - 118.	6635
2,4-dinitrotoluene	ng/kg	< 0.330	< 0.330	3.33	N/A	21. - 118.	6635
4-Nitrophenol	ng/kg	< 0.825	3.67	3.33	110.21	30. - 136.	6635
N-nitrosodi-n-propylamine	ng/kg	< 0.330	2.38	3.33	71.47	29. - 133.	6635
Pentachlorophenol	ng/kg	< 0.825	2.40	3.33	72.07	25. - 126.	6635
Phenol	ng/kg	< 0.330	2.22	3.33	66.67	23. - 125.	6635
Pyrene	ng/kg	< 0.330	1.85	3.33	55.56	32. - 124.	6635
1,2,4-Trichlorobenzene	ng/kg	< 0.330	2.86	3.33	85.89	30. - 114.	6635
Benzene	ng/kg	< 0.0020	0.0420	0.0500	84.00	58. - 135.	6816
Chlorobenzene	ng/kg	< 0.0020	0.0380	0.0500	76.00	54. - 136.	6816
1,1-Dichloroethene	ng/kg	< 0.0020	0.0420	0.0500	84.00	58. - 138.	6816
Toluene	ng/kg	< 0.0020	0.0450	0.0500	90.00	56. - 135.	6816
Trichloroethene	ng/kg	< 0.0020	0.0370	0.0500	74.00	52. - 143.	6816
2,4-D	ng/kg	< 0.167	0.270	0.333	81.08	39. - 138.	6921
2,4,5-T	ng/kg	< 0.017	0.027	0.033	81.82	35. - 133.	6921
2,4,5-TP (Silvex)	ng/kg	< 0.0167	0.0280	0.0330	84.85	13. - 143.	6921
2,4-DE	ng/kg	< 0.167	0.273	0.330	82.73	19. - 152.	6921
Dicamba	ng/kg	< 0.017	0.036	0.033	109.09	19. - 130.	6921
Dichloroprop	ng/kg	< 0.167	0.248	0.330	75.15	37. - 130.	6921
Dinoseb	ng/kg	< 0.083	0.124	0.167	74.39	22. - 105.	6921
MCPA	ng/kg	< 16.7	32.0	33.3	96.18	30. - 136.	6921
MCPP	ng/kg	< 16.7	32.3	33.3	97.00	38. - 137.	6921
Aldrin	ng/kg	< 0.00166	0.01798	0.01667	107.86	77. - 123.	6891
γ-DHC, Lindane	ng/kg	< 0.00166	0.01698	0.01667	101.86	67. - 109.	6891
4,4'DDT	ng/kg	< 0.00333	0.01598	0.01667	95.84	76. - 124.	6891
Dieldrin	ng/kg	< 0.00333	0.01892	0.01667	109.98	76. - 136.	6891
Endrin	ng/kg	< 0.00333	0.01792	0.01667	103.90	79. - 129.	6891
Heptachlor	ng/kg	< 0.00166	0.01732	0.01667	103.90	79. - 125.	6891

Matrix Spike Duplicate

Analyte	units	Orig Val	Duplicate	RFD	Limit	R.C. Batch
Acenaphthene	ng/kg	2.85	2.88	1.05	24	6635
4-Chloro-3-methylphenol	ng/kg	3.46	3.27	5.65	24	6635
2-Chlorophenol	ng/kg	2.34	2.46	5.00	33	6635
1,4-Dichlorobenzene	ng/kg	2.16	2.28	5.41	26	6635
2,4-dinitrotoluene	ng/kg	< 0.330	< 0.330	N/A	27	6635
4-Nitrophenol	ng/kg	3.67	< 0.825	126.588	41	6635
N-nitrosodi-n-propylamine	ng/kg	2.38	2.40	0.84	35	6635
Pentachlorophenol	ng/kg	2.40	2.40	0.00	45	6635
Phenol	ng/kg	2.22	2.39	7.38	27	6635
Pyrene	ng/kg	1.85	1.77	4.42	19	6635



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
 P.O. Box 40366
 Nashville, TN 37204-0566
 Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	R.C. Batch
1,2,4-Trichlorobenzene	ng/kg	2.86	2.94	2.76	38.	6635
Benzene	ng/kg	0.0420	0.0490	15.38	17.	6816
Chlorobenzene	ng/kg	0.0380	0.0430	12.35	14.	6816
1,1-Dichloroethene	ng/kg	0.0420	0.0490	15.38	19.	6816
Toluene	ng/kg	0.0450	0.0530	16.33	18.	6816
Trichloroethene	ng/kg	0.0370	0.0400	7.79	18.	6816
2,4-D	ng/kg	0.270	0.263	2.63	32.	6921
2,4,5-T	ng/kg	0.027	0.027	7.14	19.	6921
2,4,5-TP (Silvex)	ng/kg	0.0280	0.0297	5.89	57.	6921
2,4-DE	ng/kg	0.273	0.270	1.10	60.	6921
Dicamba	ng/kg	0.036	0.029	21.54	26.	6921
Dichloroprop	ng/kg	0.248	0.253	2.00	22.	6921
Dinoseb	ng/kg	0.124	0.130	4.72	59.	6921
MCPA	ng/kg	32.0	35.0	8.96	25.	6921
MCPP	ng/kg	32.3	33.7	4.24	23.	6921
Aldrin	ng/kg	0.01798	0.01832	1.87	69.	6891
g-THC, Lindane	ng/kg	0.01698	0.01732	1.98	63.	6891
4,4'-DDT	ng/kg	0.01598	0.01665	4.11	65.	6891
Dieldrin	ng/kg	0.01832	0.01898	3.54	78.	6891
Endrin	ng/kg	0.01732	0.01765	1.89	82.	6891
Heptachlor	ng/kg	0.01732	0.01765	1.89	59.	6891

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	R.C. Batch
Acenaphthene	ng/kg	3.33	3.61	108.	60 - 140	6635
Acenaphthylene	ng/kg	3.33	3.52	106.	60 - 140	6635
Anthracene	ng/kg	3.33	3.61	108.	60 - 140	6635
Benzo(a)anthracene	ng/kg	3.33	3.60	108.	60 - 140	6635
Benzo(a)pyrene	ng/kg	3.33	3.77	113.	60 - 140	6635
Benzo(b)fluoranthene	ng/kg	3.33	2.97	89.	60 - 140	6635
Benzo(g,h,i)perylene	ng/kg	3.33	3.49	105.	60 - 140	6635
Benzo(k)fluoranthene	ng/kg	3.33	4.12	124.	60 - 140	6635
4-(monophenylphenylether	ng/kg	3.33	3.39	102.	60 - 140	6635
Butylbenzylphthalate	ng/kg	3.33	3.77	113.	60 - 140	6635
Carbazole	ng/kg	3.33	3.50	105.	60 - 140	6635
4-Chloro-3-methylphenol	ng/kg	3.33	3.58	108.	60 - 140	6635
4-Chloroaniline	ng/kg	3.33	3.14	94.	60 - 140	6635
bis(2-Chloroethoxy)methane	ng/kg	3.33	3.21	96.	60 - 140	6635
bis(2-Chloroethyl)ether	ng/kg	3.33	3.16	95.	60 - 140	6635
bis(2-Chloroisopropyl)ether	ng/kg	3.33	3.61	108.	60 - 140	6635
2-Chloronaphthalene	ng/kg	3.33	3.39	102.	60 - 140	6635
2-Chlorophenol	ng/kg	3.33	3.29	99.	60 - 140	6635
4-Chlorophenylphenylether	ng/kg	3.33	3.74	112.	60 - 140	6635
Chrysene	ng/kg	3.33	4.52	136.	60 - 140	6635

00001



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr
 P.O. Box 40566
 Nashville, TN 37204-0566
 Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Laboratory Control Data

Analte	units	Known Val.	Analyzed Val	% Recovery	Target Range	R.C. Batch
Dibenzofuran	ng/kg	3.33	3.37	101.	60 - 140	6635
Dibenz(a,h)anthracene	ng/kg	3.33	3.70	111.	60 - 140	6635
1,2-Dichlorobenzene	ng/kg	3.33	3.82	115.	60 - 140	6635
1,3-Dichlorobenzene	ng/kg	3.33	3.02	91.	60 - 140	6635
1,4-Dichlorobenzene	ng/kg	3.33	3.17	95.	60 - 140	6635
3,3'-Dichlorobenzidine	ng/kg	3.33	< 1.32	N/A	60 - 140	6635
2,4-Dichlorophenol	ng/kg	3.33	3.31	99.	60 - 140	6635
Diethylphthalate	ng/kg	3.33	3.73	112.	60 - 140	6635
2,4-Dimethylphenol	ng/kg	3.33	2.52	76.	60 - 140	6635
Dimethylphthalate	ng/kg	3.33	3.42	103.	60 - 140	6635
Di-n-butylphthalate	ng/kg	3.33	3.66	110.	60 - 140	6635
4,6-Dinitro-2-methylphenol	ng/kg	3.33	3.74	112.	60 - 140	6635
2,4-Dinitrophenol	ng/kg	3.33	2.94	88.	60 - 140	6635
2,4-dinitrotoluene	ng/kg	3.33	3.52	106.	60 - 140	6635
2,6-Dinitrotoluene	ng/kg	3.33	3.39	102.	60 - 140	6635
Di-n-octylphthalate	ng/kg	3.33	4.10	123.	60 - 140	6635
Fluoranthene	ng/kg	3.33	3.63	109.	60 - 140	6635
Fluorene	ng/kg	3.33	3.71	111.	60 - 140	6635
Hexachlorobenzene	ng/kg	3.33	3.38	102.	60 - 140	6635
Hexachlorobutadiene	ng/kg	3.33	3.47	104.	60 - 140	6635
Hexachlorocyclopentadiene	ng/kg	3.33	2.56	77.	60 - 140	6635
Hexachloroethane	ng/kg	3.33	4.31	129.	60 - 140	6635
Indeno(1,2,3-cd)pyrene	ng/kg	3.33	3.96	119.	60 - 140	6635
Isophorone	ng/kg	3.33	3.28	98.	60 - 140	6635
2-Methylnaphthalene	ng/kg	3.33	4.37	131.	60 - 140	6635
2-Methylphenol	ng/kg	3.33	3.19	96.	60 - 140	6635
m,p-Methylphenol	ng/kg	3.33	3.30	99.	60 - 140	6635
Naphthalene	ng/kg	3.33	3.74	112.	60 - 140	6635
2-Nitroaniline	ng/kg	3.33	3.66	110.	60 - 140	6635
3-Nitroaniline	ng/kg	3.33	3.96	119.	60 - 140	6635
4-Nitroaniline	ng/kg	3.33	3.62	109.	60 - 140	6635
Nitrobenzene	ng/kg	3.33	3.53	106.	60 - 140	6635
2-Nitrophenol	ng/kg	3.33	3.31	99.	60 - 140	6635
4-Nitrophenol	ng/kg	3.33	4.01	120.	60 - 140	6635
N-nitrosodi-n-propylamine	ng/kg	3.33	3.93	118.	60 - 140	6635
N-nitrosodiphenylamine	ng/kg	3.33	3.61	108.	60 - 140	6635
Pentachlorophenol	ng/kg	3.33	2.25	68.	60 - 140	6635
Phenanthrene	ng/kg	3.33	3.59	108.	60 - 140	6635
Phenol	ng/kg	3.33	3.17	95.	60 - 140	6635
Pyrene	ng/kg	3.33	3.62	109.	60 - 140	6635
Bis(2-ethylhexyl)phthalate	ng/kg	3.33	3.74	112.	60 - 140	6635
1,2,4-Trichlorobenzene	ng/kg	3.33	3.17	95.	60 - 140	6635
2,4,5-Trichlorophenol	ng/kg	3.33	3.46	104.	60 - 140	6635
2,4,6-Trichlorophenol	ng/kg	3.33	3.51	105.	60 - 140	6635
Acetone	ng/kg	0.0500	0.0610	122	70 - 130	6816
Benzene	ng/kg	0.0500	0.0470	94.	70 - 130	6816

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SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
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Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	D.C. Batch
Bromobenzene	ng/kg	0.0500	0.0650	130.	70 - 130	6816
Bromochloromethane	ng/kg	0.0500	0.0650	130	70 - 130	6816
Bromoform	ng/kg	0.0500	0.0500	100	70 - 130	6816
Bromomethane	ng/kg	0.0500	0.0360	72.	70 - 130	6816
2-Butanone	ng/kg	0.0500	0.0500	100.	70 - 130	6816
n-Butylbenzene	ng/kg	0.0500	0.0360	72.	70 - 130	6816
sec-Butylbenzene	ng/kg	0.0500	0.0410	82.	70 - 130	6816
t-Butylbenzene	ng/kg	0.0500	0.0450	90.	70 - 130	6816
Carbon disulfide	ng/kg	0.0500	0.0580	116.	70 - 130	6816
Carbon tetrachloride	ng/kg	0.0500	0.0360	72.	70 - 130	6816
Chlorobenzene	ng/kg	0.0500	0.0470	94.	70 - 130	6816
Chloroethane	ng/kg	0.0500	0.0450	90.	70 - 130	6816
Chloroform	ng/kg	0.0500	0.0570	114	70 - 130	6816
Chloromethane	ng/kg	0.0500	0.0540	108.	70 - 130	6816
2-Chlorotoluene	ng/kg	0.0500	0.0470	94.	70 - 130	6816
4-Chlorotoluene	ng/kg	0.0500	0.0630	126.	70 - 130	6816
1,2-Dibromo-3-chloropropane	ng/kg	0.0500	0.0390	78.	70 - 130	6816
Dibromochloromethane	ng/kg	0.0500	0.0500	100.	70 - 130	6816
1,2-Dibromoethane	ng/kg	0.0500	0.0500	100.	70 - 130	6816
Dibromomethane	ng/kg	0.0500	0.0570	114.	70 - 130	6816
1,2-Dichlorobenzene	ng/kg	0.0500	0.0500	100.	70 - 130	6816
1,3-Dichlorobenzene	ng/kg	0.0500	0.0430	86.	70 - 130	6816
1,4-Dichlorobenzene	ng/kg	0.0500	0.0460	92.	70 - 130	6816
Dichlorodifluoromethane	ng/kg	0.0500	0.0600	120.	70 - 130	6816
1,1-Dichloroethane	ng/kg	0.0500	0.0440	88.	70 - 130	6816
1,2-Dichloroethane	ng/kg	0.0500	0.0520	104.	70 - 130	6816
1,1-Dichloroethene	ng/kg	0.0500	0.0570	114.	70 - 130	6816
cis-1,2-Dichloroethene	ng/kg	0.0500	0.0580	116.	70 - 130	6816
1,2-Dichloropropane	ng/kg	0.0500	0.0480	96.	70 - 130	6816
1,3-Dichloropropane	ng/kg	0.0500	0.0510	102.	70 - 130	6816
2,2-Dichloropropane	ng/kg	0.0500	0.0600	120.	70 - 130	6816
1,1-Dichloropropene	ng/kg	0.0500	0.0480	96.	70 - 130	6816
cis-1,3-Dichloropropene	ng/kg	0.0500	0.0430	86.	70 - 130	6816
trans-1,3-Dichloropropene	ng/kg	0.0500	0.0460	92.	70 - 130	6816
Hexachlorobutadiene	ng/kg	0.0500	0.0630	126.	70 - 130	6816
2-Hexanone	ng/kg	0.0500	0.0460	92.	70 - 130	6816
Isopropylbenzene	ng/kg	0.0500	0.0630	126.	70 - 130	6816
4-Isopropyltoluene	ng/kg	0.0500	0.0630	126.	70 - 130	6816
4-Methyl-2-pentanone	ng/kg	0.0500	0.0460	92.	70 - 130	6816
Methylene chloride	ng/kg	0.0500	0.0640	128.	70 - 130	6816
Naphthalene	ng/kg	0.0500	0.0600	120.	70 - 130	6816
n-Propylbenzene	ng/kg	0.0500	0.0580	116.	70 - 130	6816
Styrene	ng/kg	0.0500	0.0520	104.	70 - 130	6816
1,1,1,2-Tetrachloroethane	ng/kg	0.0500	0.0440	88.	70 - 130	6816
1,1,2,2-Tetrachloroethane	ng/kg	0.0500	0.0580	116.	70 - 130	6816
Tetrachloroethene	ng/kg	0.0500	0.0460	92.	70 - 130	6816

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SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-1177

PROJECT QUALITY CONTROL DATA

Laboratory Control Data

AnalYTE	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Toluene	ng/kg	0.0500	0.0360	72.	70 - 130	6816
1,2,3-Trichlorobenzene	ng/kg	0.0500	0.0370	74.	70 - 130	6816
1,2,4-Trichlorobenzene	ng/kg	0.0500	0.0390	78	70 - 130	6816
1,1,1-Trichloroethane	ng/kg	0.0500	0.0520	104.	70 - 130	6816
1,1,2-Trichloroethane	ng/kg	0.0500	0.0460	92	70 - 130	6816
Trichloroethene	ng/kg	0.0500	0.0450	90.	70 - 130	6816
1,2,3-Trichloropropane	ng/kg	0.0500	0.0590	118.	70 - 130	6816
1,2,4-Trinethylbenzene	ng/kg	0.0500	0.0390	78.	70 - 130	6816
1,3,5-Trinethylbenzene	ng/kg	0.0500	0.0460	92.	70 - 130	6816
Vinyl chloride	ng/kg	0.0500	0.0360	72.	70 - 130	6816
Xylenes	ng/kg	0.1500	0.1290	86.	70 - 130	6816
Bromodichloromethane	ng/kg	0.0500	0.0410	82	70 - 130	6816
Trichlorofluoromethane	ng/kg	0.0500	0.0450	90.	70 - 130	6816
2,4-D	ng/kg	0.333	0.353	106.	60 - 140	6921
2,4,5-T	ng/kg	0.033	0.035	106.	60 - 140	6921
2,4,5-TP (Silvex)	ng/kg	0.0330	0.0233	71.	60 - 140	6921
2,4-DC	ng/kg	0.330	0.307	93.	60 - 140	6921
Dicamba	ng/kg	0.033	0.035	106.	60 - 140	6921
Dichloroprop	ng/kg	0.333	0.360	108.	60 - 140	6921
Dinoseb	ng/kg	0.167	0.130	78	60 - 140	6921
MCPA	ng/kg	33.3	31.7	95.	60 - 140	6921
MCPP	ng/kg	33.3	25.3	76.	60 - 140	6921
Aldrin	ng/kg	0.01667	0.01798	108.	60 - 140	6891
a-DHC	ng/kg	0.01667	0.01665	100	60 - 140	6891
b-DHC	ng/kg	0.01667	0.01498	90.	60 - 140	6891
c-DHC	ng/kg	0.01667	0.01732	104.	60 - 140	6891
g-DHC, Lindane	ng/kg	0.01667	0.01798	108.	60 - 140	6891
4,4'-DDB	ng/kg	0.01667	0.01632	98.	60 - 140	6891
4,4'-DDE	ng/kg	0.01667	0.01732	104.	60 - 140	6891
4,4'-DDT	ng/kg	0.01667	0.01732	104.	60 - 140	6891
Dieldrin	ng/kg	0.01667	0.01765	106.	60 - 140	6891
Endosulfan I	ng/kg	0.01667	0.01665	100.	60 - 140	6891
Endosulfan II	ng/kg	0.01667	0.01498	90.	60 - 140	6891
Endosulfan sulfate	ng/kg	0.01667	0.01698	102.	60 - 140	6891
Endrin	ng/kg	0.01667	0.01732	104.	60 - 140	6891
Endrin aldehyde	ng/kg	0.01667	0.01698	102.	60 - 140	6891
Endrin ketone	ng/kg	0.01667	0.01931	116.	60 - 140	6891
Heptachlor	ng/kg	0.01667	0.01732	104.	60 - 140	6891
Heptachlor epoxide	ng/kg	0.01667	0.01832	110.	60 - 140	6891
Methoxychlor	ng/kg	0.01667	0.01565	94.	60 - 140	6891
alpha-Chlordane	ng/kg	0.01667	0.01898	114.	60 - 140	6891
gamma-Chlordane	ng/kg	0.01667	0.01798	108.	60 - 140	6891

COPY 1



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
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Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Blank Data

Analyte	Blank Value	Units	Q.C. Batch
Acenaphthene	< 0.330	ng/kg	6635
Acenaphthylene	< 0.330	ng/kg	6635
Anthracene	< 0.330	ng/kg	6635
Benzo(a)anthracene	< 0.330	ng/kg	6635
Benzo(a)pyrene	< 0.330	ng/kg	6635
Benzo(b)fluoranthene	< 0.330	ng/kg	6635
Benzo(g,h,i)perylene	< 0.330	ng/kg	6635
Benzo(k)fluoranthene	< 0.330	ng/kg	6635
4-Bromophenylphenylether	< 0.330	ng/kg	6635
Butylbenzylphthalate	< 0.330	ng/kg	6635
Carbazole	< 0.330	ng/kg	6635
4-Chloro-3-methylphenol	< 0.330	ng/kg	6635
4-Chloroaniline	< 0.330	ng/kg	6635
bis(2-Chloroethoxy)methane	< 0.330	ng/kg	6635
bis(2-Chloroethyl)ether	< 0.330	ng/kg	6635
bis(2-Chloroisopropyl)ether	< 0.330	ng/kg	6635
2-Chloronaphthalene	< 0.330	ng/kg	6635
2-Chlorophenol	< 0.330	ng/kg	6635
4-Chlorophenylphenylether	< 0.330	ng/kg	6635
Chrysene	< 0.330	ng/kg	6635
Dibenzofuran	< 0.330	ng/kg	6635
Dibenz(a,h)anthracene	< 0.330	ng/kg	6635
1,2-Dichlorobenzene	< 0.330	ng/kg	6635
1,3-Dichlorobenzene	< 0.330	ng/kg	6635
1,4-Dichlorobenzene	< 0.330	ng/kg	6635
3,3'-Dichlorobenzidine	< 0.660	ng/kg	6635
2,4-Dichlorophenol	< 0.330	ng/kg	6635
Diethylphthalate	< 0.330	ng/kg	6635
2,4-Dimethylphenol	< 0.330	ng/kg	6635
Dimethylphthalate	< 0.330	ng/kg	6635
Di-n-butylphthalate	< 0.330	ng/kg	6635
4,6-Dinitro-2-methylphenol	< 0.825	ng/kg	6635
2,4-Dinitrophenol	< 0.825	ng/kg	6635
2,4-dinitrotoluene	< 0.330	ng/kg	6635
2,6-Dinitrotoluene	< 0.330	ng/kg	6635
Di-n-octylphthalate	< 0.330	ng/kg	6635
Fluoranthene	< 0.330	ng/kg	6635
Fluorene	< 0.330	ng/kg	6635
Hexachlorobenzene	< 0.330	ng/kg	6635
Hexachlorobutadiene	< 0.330	ng/kg	6635
Hexachlorocyclopentadiene	< 0.330	ng/kg	6635
Hexachloroethane	< 0.330	ng/kg	6635
Indeno(1,2,3-cd)pyrene	< 0.330	ng/kg	6635
Isophorone	< 0.330	ng/kg	6635
2-Methylnaphthalene	< 0.330	ng/kg	6635
2-Methylphenol	< 0.330	ng/kg	6635



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
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Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Blank Data

Analyte	Blank Value	Units	R.C. Batch
m,p-Methylphenol	< 0.330	ng/kg	6635
Naphthalene	< 0.330	ng/kg	6635
2-Nitroaniline	< 0.825	ng/kg	6635
3-Nitroaniline	< 0.825	ng/kg	6635
4-Nitroaniline	< 0.825	ng/kg	6635
Nitrobenzene	< 0.330	ng/kg	6635
2-Nitrophenol	< 0.330	ng/kg	6635
4-Nitrophenol	< 0.825	ng/kg	6635
N-nitrosodi-n-propylamine	< 0.330	ng/kg	6635
N-nitrosodiphenylamine	< 0.330	ng/kg	6635
Pentachlorophenol	< 0.825	ng/kg	6635
Phenanthrene	< 0.330	ng/kg	6635
Phenol	< 0.330	ng/kg	6635
Pyrene	< 0.330	ng/kg	6635
Bis(2-ethylhexyl)phthalate	< 0.330	ng/kg	6635
1,2,4-Trichlorobenzene	< 0.330	ng/kg	6635
2,4,5-Trichlorophenol	< 0.825	ng/kg	6635
2,4,6-Trichlorophenol	< 0.330	ng/kg	6635
Acetone	< 0.0100	ng/kg	6816
Benzene	< 0.0020	ng/kg	6816
Bromobenzene	< 0.0020	ng/kg	6816
Bromochloromethane	< 0.0020	ng/kg	6816
Bromoform	< 0.0020	ng/kg	6816
Bromomethane	< 0.0100	ng/kg	6816
2-Butanone	< 0.0100	ng/kg	6816
n-Butylbenzene	< 0.0020	ng/kg	6816
sec-Butylbenzene	< 0.0020	ng/kg	6816
t-Butylbenzene	< 0.0020	ng/kg	6816
Carbon disulfide	< 0.0020	ng/kg	6816
Carbon tetrachloride	< 0.0020	ng/kg	6816
Chlorobenzene	< 0.0020	ng/kg	6816
Chloroethane	< 0.0020	ng/kg	6816
2-Chloroethylvinylether	< 0.0020	ng/kg	6816
Chloroform	< 0.0020	ng/kg	6816
Chloromethane	< 0.0100	ng/kg	6816
2-Chlorotoluene	< 0.0020	ng/kg	6816
4-Chlorotoluene	< 0.0020	ng/kg	6816
1,2-Dibromo-3-chloropropane	< 0.0020	ng/kg	6816
Dibromochloromethane	< 0.0020	ng/kg	6816
1,2-Dibromoethane	< 0.0020	ng/kg	6816
Dibromomethane	< 0.0020	ng/kg	6816
1,2-Dichlorobenzene	< 0.0020	ng/kg	6816
1,3-Dichlorobenzene	< 0.0020	ng/kg	6816
1,4-Dichlorobenzene	< 0.0020	ng/kg	6816
Dichlorodifluoromethane	< 0.0020	ng/kg	6816
1,1-Dichloroethane	< 0.0020	ng/kg	6816



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Blank Data

Analyte	Blank Value	Units	Q.C. Batch
1,2-Dichloroethane	< 0.0020	ng/kg	6816
1,1-Dichloroethene	< 0.0020	ng/kg	6816
cis-1,2-Dichloroethene	< 0.0020	ng/kg	6816
trans-1,2-Dichloroethene	< 0.0020	ng/kg	6816
1,2-Dichloropropane	< 0.0020	ng/kg	6816
1,3-Dichloropropane	< 0.0020	ng/kg	6816
2,2-Dichloropropane	< 0.0020	ng/kg	6816
1,1-Dichloropropene	< 0.0020	ng/kg	6816
cis-1,3-Dichloropropene	< 0.0020	ng/kg	6816
trans-1,3-Dichloropropene	< 0.0020	ng/kg	6816
Ethylbenzene	< 0.0020	ng/kg	6816
Hexachlorobutadiene	< 0.0020	ng/kg	6816
2-Hexanone	< 0.0100	ng/kg	6816
Isopropylbenzene	< 0.0020	ng/kg	6816
4-Isopropyltoluene	< 0.0020	ng/kg	6816
4-Methyl-2-pentanone	< 0.0100	ng/kg	6816
Methylene chloride	< 0.0100	ng/kg	6816
Naphthalene	< 0.0020	ng/kg	6816
n-Propylbenzene	< 0.0020	ng/kg	6816
Styrene	< 0.0020	ng/kg	6816
1,1,1,2-Tetrachloroethane	< 0.0020	ng/kg	6816
1,1,2,2-Tetrachloroethane	< 0.0020	ng/kg	6816
Tetrachloroethene	< 0.0020	ng/kg	6816
Toluene	< 0.0020	ng/kg	6816
1,2,3-Trichlorobenzene	< 0.0020	ng/kg	6816
1,2,4-Trichlorobenzene	< 0.0020	ng/kg	6816
1,1,1-Trichloroethane	< 0.0020	ng/kg	6816
1,1,2-Trichloroethane	< 0.0020	ng/kg	6816
Trichloroethene	< 0.0020	ng/kg	6816
1,2,3-Trichloropropane	< 0.0020	ng/kg	6816
1,2,4-Trimethylbenzene	< 0.0020	ng/kg	6816
1,3,5-Trimethylbenzene	< 0.0020	ng/kg	6816
Vinyl chloride	< 0.0020	ng/kg	6816
Xylenes	< 0.0020	ng/kg	6816
Bromodichloromethane	< 0.0020	ng/kg	6816
Trichlorofluoromethane	< 0.0020	ng/kg	6816
2,4-D	< 0.167	ng/kg	6921
2,4,5-T	< 0.017	ng/kg	6921
2,4,5-TP (Silvex)	< 0.0167	ng/kg	6921
Dalapon	< 0.333	ng/kg	6921
2,4-DB	< 0.167	ng/kg	6921
Dicamba	< 0.017	ng/kg	6921
Dichloroprop	< 0.167	ng/kg	6921
Dioseb	< 0.083	ng/kg	6921
MCPA	< 16.7	ng/kg	6921
MCPP	< 16.7	ng/kg	6921



SPECIALIZED ASSOCIATES, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

W. Z. BAUMGARTNER & ASSOCIATES 4016
BILL BAUMGARTNER
P.O. BOX 680369
FRANKLIN, TN 37068-0369

Lab Number: 98-A145324
Sample ID: 98129 50700
Sample Type: Soil
Site ID:

Project: 98129
Project Name:
Sampler: BILL BAUMGARTNER

Date Collected: 11/ 4/98
Time Collected:
Date Received: 11/ 5/98
Time Received: 15:55

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Petroleum Hydrocarbons	202	ng/kg	10.0	1.0	1	11/23/98	12:00	K.Hill	418.1N	3089

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Method
Arsenic	< 0.10	ng/l	5.0	106	11/24/98	60100
Barium	< 1.00	ng/l	100	95	11/24/98	60100
Cadmium	< 0.100	ng/l	1.0	99	11/24/98	60100
Chromium	< 0.50	ng/l	5.0	95	11/24/98	60100
Lead	< 0.50	ng/l	5.0	99	11/24/98	60100
Mercury	< 0.010	ng/l	0.20	95	11/24/98	74700
Selenium	< 0.100	ng/l	1.0	108	11/24/98	60100
Silver	< 0.10	ng/l	5.0	96	11/24/98	60100
TCLP Extraction	Completed				11/21/98	1311

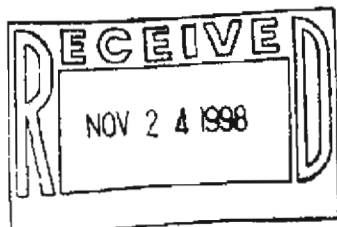
ND = Not detected at the report limit.

Report Approved By:

J Mitchell

Report Date: 11/24/98

Theodore J. Duello, Ph.D., Q.A. Officer
Michael H. Dunn, M.S., Technical Director
Danny B. Hale, M.S., Laboratory Director
Johnny A. Mitchell, Dir. Technical Services



John C Tamborella & Sons
#1

COPY1



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P. O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	R.C. Batch
Petroleum Hydrocarbons	ng/kg	< 10.0	681.	667.	102.10	72. - 127.	3089

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	R.C. Batch
Petroleum Hydrocarbons	ng/kg	681.	681.	0.00	15.	3089

Blank Data

Analyte	Blank Value	Units	R.C. Batch
Petroleum Hydrocarbons	< 10.0	ng/kg	3089
Arsenic	< 0.10	ng/l	3068
Barium	< 1.00	ng/l	3068
Cadmium	< 0.100	ng/l	3068
Chromium	< 0.50	ng/l	3068
Lead	< 0.50	ng/l	3068
Mercury	< 0.010	ng/l	3767
Selenium	< 0.100	ng/l	3068
Silver	< 0.10	ng/l	3068

W. Z. Baumgartner & Associates, Inc.

ENGINEERS AND ENVIRONMENTAL CONSULTANTS

500 WILSON PIKE CIRCLE • SUITE 208 • BRENTWOOD, TN 37027

P. O. BOX 789 (37024) • 615-373-1572 • FAX: 615-370-9292

E-MAIL: WZBINC@AOL.COM

CHAIN OF CUSTODY

Page 1 of 1

PART I - Client: Tombarello & Sons
 Proj. No: 98129 Location: Lawrence, MA

PART II - Container Information

Code	Preservative						Plastic Containers							Glass Containers				Notes				
	A	B	C	D	E	F	1	2	3	4	5	6	7	8	9	10	11		12	13	14	
Quantity of Sample Containers Shipped	H ₂ SO ₄	HNO ₃	HCL	Na ₂ S ₂ O ₃	NaOH	Unpreserved	175 ml HDPE	250 ml HDPE	500 ml HDPE	1l HDPE	1gal HDPE	Poly Bag	5 gal. Bucket	40 ml Vial	4 oz Jar	8 oz Jar	16 oz Jar	1l Clear	1l Amber	Trip Blank		
1						✓											✓					

Preservative added: By Contract Laboratory By WZB Laboratory In Field

PART III - Sample Information

Sample Matrix Codes		Preserv./Container Code		Requested Analysis	Total No. of Containers
DW Drinking Water	SL Sludge				
WW Wastewater	SO Soil				
GW Groundwater	SR Shredder or Filter				
SW Storm water					
SU Surface Water	BL Blank				
CI Oil					

Sample I.D.	Date	Time	Matrix	Comp.	Grab	Total No. of Containers
#1			SO		2	2

Sampler's Name (Print):

PART IV - Chain of Custody

Relinquished By: (Signature)	Date:	Time:	Received By: (Signature)
<i>[Signature]</i>	11/15/98	0400	<i>[Signature]</i>

Received for Laboratory By: (Signature) *[Signature]* 11/15/98 0400

Custody Seals Intact: Yes No Temperature (C) _____

May 24 99 10:56a

W Z Baumgartner

615 595-1595

P. 4

SPECIALIZED ANALYTICAL SERVICES ENVIRONMENTAL

7A- 043382

REFERRING CLIENT

Account # 11111
W Z Baumgartner & Associates
8111 Baumgartner
PO Box 1234
Greenwood, TN 37024
Tel: 615-377-1595 Fax: 615-377-1596



2960 Foster Creighton Drive
Nashville, TN 37204
615-726-0177, 800-765-0980
FAX 615/726-3404

Specialized Analytical Services (615) 377-0980

CLING CONTROL NUMBER (FOR LAB USE ONLY)	PROJECT # 98129	P.O. #
-----------------------------------------	---------------------------	--------

AMPLERS (Signature-Please Print)	PROJECT NAME
----------------------------------	--------------

FOR LAB USE ONLY ACC#	SAMPLE DESCRIPTION	DATE	TIME	COMP	ORAB	LAB	ANALYSIS REQUESTED
	50700 #1	11/4/98				2	total pesticides, Herbicides total / ... *
		11/16/98					TRPH ... metals 11/22/98 WCS
							12/18/98 received report this date KTH

Requested by: (Signature) <i>[Signature]</i>	Date / Time 11/5/98 3:11P	Received by: (Signature) <i>[Signature]</i>	Received for Laboratory by:	Date / Time
Requested by: (Signature)	Date / Time	Received by: (Signature)	Remarks Need Results by Tues the 10 th by NOON * ... results ... total (T) ...	
Requested by: (Signature)	Date / Time	Received by: (Signature)	SAI Project #:	

For further assistance in completing the chain of custody form please refer to the instructions found on the opposite side
John C. Tamberlino Esq.

SPECIALIZED ASSAYS ENVIRONMENTAL

7A- 043382

REFERRING CLIENT

Account: 4016
W.Z. Baumgartner & Associates
Bill Baumgartner
P.O. Box 786
Brentwood, TN 37024
Ph: 615-373-1572 Fax: 615-370-9292



2960 Foster Creighton Drive
Nashville, TN 37204
615-726-0177, 800-765-0980
FAX 615/726-3404

Specialized Assays: (800) 765-0980

CONTROL NUMBER (FOR LAB USE ONLY)

119446

PROJECT #

98129

P.O. #

SAMPLERS (Signature-Please Print)

PROJECT NAME

Table with columns: FOR LAB USE ONLY ACC#, SAMPLE DESCRIPTION, DATE, TIME, COMP, GRAB, # of CONT, ANALYSIS REQUESTED. Row 1: 50700 #1, 11/4/98, 2, total Pesticides, Herbicides vol / semi-vol *

CONFIRM
LONG LIST
Long List
11/6/98 per
Curt Landrum
1350

Signature and Date table with columns: Relinquished by: (Signature), Date / Time, Received by: (Signature), Received for Laboratory by: (Signature), Date / Time, Remarks. Includes signatures of J. D. Lane, Bob Rude, Bob Rude, and J. Caballero.



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

W. Z. BAUMGARTNER & ASSOCIATES 4016
BILL BAUMGARTNER
P.O. BOX 680369
FRANKLIN, TN 37068-0369

Lab Number: 99-A60702
Sample ID: 98129 52082
Sample Type: Solid waste
Site ID:

Project: 98129
Project Name:
Sampler: BILL BAUMGARTNER

Date Collected: 4/14/99
Time Collected:
Date Received: 4/29/99
Time Received: 15:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS										
Reactive Cyanide	ND	Hg/kg	2.0	2.0	1	5/ 3/99	11:30	J Temple	SW-846	8666
Reactive Sulfide	ND	Hg/kg	25.0	25.0	1	5/ 3/99	11:30	J Temple	SW-846	8666
pH	7.00	units			1	4/29/99	18:00	M Stafford	9045	7076
Ignitability	NOT IGNITABLE UP TO 200F					5/ 1/99	8:00	S Brewer	10108	0098
Extracted TOX	ND	ug/gr	25.0	25.0	1	5/ 4/99	7:46	A Handison	9033	8548

ND = Not detected at the report limit.

Flash point/ignitability reported to the nearest 10 deg F.

Report Approved By:

Theodore J. Duello

Report Date: 5/ 5/99

Theodore J. Duello, Ph.D., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Services
Eric Smith, Assistant Technical Director
Russell Morgan, Technical Services

Theodore J. Duello
#1

COPY 3

*
* TRANSACTION REPORT *
* MAY-19-99 05:39 PM *
* FOR: HIGGINS ENVIRONMENTAL 9788349966 *
*
*
* RECEIVE *
*
* DATE START SENDER PAGES TIME NOTE *
*
* MAY-19 05:37 PM 615 595 1595 3 1'25" OK *
*

W. Z. BAUMGARTNER & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

310 WILLIAMSON SQUARE
FRANKLIN, TN 37064
P.O. BOX 860369
FRANKLIN, TN 37068-0369
(615) 595-0025
FAX (615) 595-1595

W.Z. BAUMGARTNER, JR. P.E.
MICHAEL E. TANT, P.E.
J. CLAIBORNE THURNTON, III, P.E.

WILLIAM H. TUCKER, III, P.E.
RICHARD L. WILLIAMS, P.E.
JOHN L. FARMER, P.E.
W.C. BAERON, E.T.
CURT D. LANDRUM, E.T.

FACSIMILE TRANSMITTAL

DATE: May 19, 1999

TO: Higgins Environmental Associates, Inc.

ATTENTION: Jon Higgins

FAX NO.: 978-834-9966

FROM: John L. Farmer

RE: Excavated soil @ Lawrence, MA site

NUMBER OF PAGES 3 INCLUDING COVER LETTER

<p>Comments: Jon:</p> <p>The following information is analytical results for metals which was required by Logano Waste Management for the excavated soils located at Lawrence, MA facility.</p> <p>Total PCB is needed as we discussed.</p> <p>John Farmer</p>	<p><i>As-17.3 Pb-648</i></p> <p><i>Cd-2.19 Hg-0.52</i></p> <p><i>Cu-45.1</i></p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------

PLEASE CONTACT US AT (615) 595-0025 IF YOU DO NOT RECEIVE ALL PAGES PROPERLY. THANK YOU.

PROJECT NO. 98129



SPECIALIZED ASSAYS, INC.

2960 Foster Creighton Dr.
P.O. Box 40566
Nashville, TN 37204-0566
Phone 1-615-726-0177

ANALYTICAL REPORT

W. Z. BAUMGARTNER & ASSOCIATES 4016
BILL BAUMGARTNER
P.O. BOX 650369
FRANKLIN, TN 37068-0369

Lab Number: 99-A70137
Sample ID: 78129 52086
Sample Type: Soil
Site ID:

Project:
Project Name:
Sampler: BILL BAUMGARTNER

Date Collected: 4/14/99
Time Collected:
Date Received: 4/29/99
Time Received: 15:30

Analyte	Result	Units	Report Limit	Quan Limit	DIL Factor	Date	Time	Analyst	Method	Batch
METALS										
Arsenic	17.3	ng/kg	0.99	0.99	1	5/18/99	13:30	R. Kelley	60105	7172
Cadmium	2.15	ng/kg	0.99	0.99	1	5/18/99	13:30	R. Kelley	60100	7172
Chromium	45.1	ng/kg	0.99	0.99	1	5/18/99	13:30	R. Kelley	60100	7172
Lead	643	ng/kg	0.99	0.99	1	5/18/99	13:30	R. Kelley	60100	7172
Mercury	0.52	ng/kg	0.10	0.10	1	5/18/99	13:29	S. Hopkins	7471	7395

ND = Not detected at the report limit

Report Approved By:

Report Date: 5/18/99

Theodore J. Duello, Ph.D., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Services
Eric Smith, Assistant Technical Director
Russell Morgan, Technical Services



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Phone 1-615-726-0177

PROJECT QUALITY CONTROL DATA

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	R.C. Batch
Arsenic	ng/kg	17.3	39.3	20.0	89	89 - 120	7172
Cadmium	ng/kg	2.19	23.3	20.0	106	80 - 120	7172
Chromium	ng/kg	45.1	63.1	40.0	45*	80 - 120	7172
Mercury	ng/kg	0.52	0.72	0.17	118	60 - 120	7395

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	R.C. Batch
Arsenic	ng/kg	39.3	36.0	7.79	20	7172
Cadmium	ng/kg	23.3	23.0	1.30	20	7172
Chromium	ng/kg	63.1	77.2	20.16*	20	7172
Lead	ng/kg	675	776	14.18	20	7172
Mercury	ng/kg	0.72	0.65	5.71	20	7395

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Target Range	R.C. Batch
Arsenic	ng/kg	108	121	112	80 - 120	7172
Cadmium	ng/kg	114	113	99	80 - 120	7172
Chromium	ng/kg	42.0	44.0	105	80 - 120	7172
Lead	ng/kg	44.0	44.0	100	80 - 120	7172
Mercury	ng/kg	1.71	1.92	112	80 - 120	7395

Blank Data

Analyte	Blank Value	Units	R.C. Batch
Arsenic	< 1.00	ng/kg	7172
Cadmium	< 1.00	ng/kg	7172
Chromium	< 1.00	ng/kg	7172
Lead	< 1.00	ng/kg	7172
Mercury	< 0.10	ng/kg	7395

W. Z. Baumgartner & Associates, Inc.

ENGINEERS AND ENVIRONMENTAL CONSULTANTS

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E-MAIL: WZBINC@AOL.COM

CHAIN OF CUSTODY

Page 1 of 1

PART I - Client Tombarello & Sons
Proj. No: 98129 Location: Seabrook, NH

PART II - Container Information

Code	Preservative					Plastic Containers							Glass Containers				Notes					
	A	B	C	D	E	1	2	3	4	5	6	7	8	9	10	11		12	13	14		
Quantity of Sample Containers Shipped	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₈	NaOH	Unpreserved	125 ml HDPE	250 ml HDPE	500 ml HDPE	11 HDPE	1 gal HDPE	Poly Bag	5 gal Bucket	40 ml Vial	4 oz Jar	8 oz Jar	16 oz Jar	11 Clear	11 Amber	100 Blank		
						<input checked="" type="checkbox"/>																

Preservative added By Contract Laboratory By WZB Laboratory In Field

PART III - Sample Information

Sample Matrix Codes		Preserv/Container Code	Requested Analysis	Total No. of Containers
DW Drinking Water	OS Oil			
WW Wastewater	SL Sludge			
GW Groundwater	SO Soil			
SW Stormwater	SP Spreader Residue			
SC Surface Water				

Sample ID	Date	Time	Matrix	Comp	Grab
<u>x</u>	<u>4/14/99</u>	<u>11:00 AM</u>	<u>SD</u>		

Sampler's Name (Print) x Peter F. Poirier

PART IV - Chain of Custody

	Relinquished By: (Signature)	Date	Time	Received By: (Signature)
1	<u>[Signature]</u>	<u>4/14/99</u>	<u>11:18 AM</u>	
2				
3				
4				

Received for Laboratory By (Signature): _____ Custody Seals intact Yes No Temperature (C) _____

SPECIALIZED ASSAYS
ENVIRONMENTAL

7A-066181



2960 Foster Creighton Drive
Nashville, TN 37204
615-726-0177, 800-765-0980
FAX 615-726-3404

REFERRING CLIENT

[Faint, mostly illegible text]

BILLING CONTROL NUMBER (FOR LAB USE ONLY)

PROJECT # 98129

P.O. #

AMPLERS (Signature-Please Print)

PROJECT NAME

FOR LAB USE ONLY ACC#	SAMPLE DESCRIPTION	DATE	TIME	COMP	GRAB	# OF CONT.	ANALYSIS REQUESTED
	52086 # 1	4/14/99				1	PH, Conductivity (+OX) (1/1/99) conductivity
	4/18/99	See FAX					Amended with total metals 5/14/99 <i>[Signature]</i>

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 4-29-99 3:55	Received by: (Signature) <i>[Signature]</i>	Received for Laboratory by:	Date / Time
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Remarks	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)		
Relinquished by: (Signature)	Date / Time	Received by: (Signature)		
SAI Project #:				

For further assistance in completing the chain of custody form please refer to the instructions found on the opposite side
Tombarello & Sons

FACSIMILE COVER PAGE

To : Jon Higgins
Sent : 5/21/99 at 5:04:36 PM
Subject :

From : customer service
Pages : 6 (including Cover)



PCB
EPA METHOD 8082

CUSTOMER: HIGGINS ENVIRONMENTAL ASSOCIATES

LAE#: 99050194-01

SAMPLE LOCATION: LAWRENCE, MA

JOB#: 03014-93

SAMPLE IDENTITY: 03014-SKPILE

CONTROL # 20125

DATE SAMPLED: 05/19/99

DATE REC'D: 05/20/99

DATE ANALYZED: 05/21/99

DATE EXTRACTED: 05/20/99

MATRIX: SOLID

% TOTAL SOLIDS: 88.2

COMPOUND	CONCENTRATION BASED ON DRY WEIGHT (UG/KG)	DETECTION LIMIT MULTIPLIER: PQL BASED ON DRY WEIGHT (UG/KG) X 386
APOCLOR 1016/1242	BDL	0.1
APOCLOR 1221	BDL	0.2
APOCLOR 1232	BDL	0.1
APOCLOR 1248	BDL	0.1
APOCLOR 1254	BDL	0.1
APOCLOR 1260	1,200	0.1

NOTE: NON-TARGET COMPOUNDS PRESENT

BDL=BELOW DETECTION LIMIT

ANALYZED BY: WN



VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260B

CUSTOMER: HIGGINS ENVIRONMENTAL ASSOCIATES

LAB#: 99050194-01

SAMPLE LOCATION: LAWRENCE, MA

JCE#: 03014-99

SAMPLE IDENTITY: 03014-SKPILE-VOC

CONTROL #: 20125

DATE SAMPLED: 05/19/99

DATE REC'D: 05/20/99

DATE ANALYZED: 05/20/99

MATRIX: SOLID

% TOTAL SOLIDS: 86.2

COMPOUND

CONCENTRATION
BASED ON DRY WEIGHTDETECTION LIMIT MULTIPLIER:
PQL BASED ON DRY WEIGHT

(UG/KG)

(UG/KG) X 11.6

BENZENE	BDL	1
BROMOBENZENE	BDL	1
BROMOCHLOROMETHANE	BDL	1
BROMODICHLOROMETHANE	BDL	1
BROMOFORM	BDL	1
BROMOMETHANE	BDL	1
CARBON TETRACHLORIDE	BDL	1
CHLOROBENZENE	BDL	1
CHLOROETHANE	BDL	1
CHLOROFORM	BDL	1
CHLOROMETHANE	BDL	1
2-CHLOROTOLUENE	BDL	1
4-CHLOROTOLUENE	BDL	1
DIBROMOCHLOROMETHANE	BDL	1
1,2-DIBROMO-3-CHLOROPROPANE	BDL	1
1,2-DIBROMOETHANE	BDL	1
DIBROMOMETHANE	BDL	1
1,2-DICHLOROBENZENE	BDL	1
1,3-DICHLOROBENZENE	BDL	1
1,4-DICHLOROBENZENE	BDL	1
DICHLORODIFLUOROMETHANE	BDL	1
1,1-DICHLOROETHANE	BDL	1
1,2-DICHLOROETHANE	BDL	1
1,1-DICHLOROETHENE	BDL	1
CIS-1,2-DICHLOROETHENE	BDL	1
TRANS-1,2-DICHLOROETHENE	BDL	1
1,2-DICHLOROPROPANE	BDL	1
1,3-DICHLOROPROPANE	BDL	1
2,2-DICHLOROPROPANE	BDL	1
1,1-DICHLOROPROPENE	BDL	1
CIS-1,3-DICHLOROPROPENE	BDL	1
TRANS-1,3-DICHLOROPROPENE	BDL	1
ETHYLBENZENE	BDL	1
METHYLENE CHLORIDE	BDL	1
STYRENE	BDL	1
1,1,1,2-TETRACHLOROETHANE	BDL	1
1,1,2,2-TETRACHLOROETHANE	BDL	1
TETRACHLOROETHENE	BDL	1
TOLUENE	BDL	1
1,1,1-TRICHLOROETHANE	BDL	1

CONTINUED: 1 OF 2 PAGES



VOLATILE ORGANIC ANALYSIS
EPA METHOD 8260B

2 OF 2 PAGES

CUSTOMER: HIGGINS ENVIRONMENTAL ASSOCIATES

LAB#: 99050194-01

SAMPLE LOCATION: LAWRENCE, MA

JCE#: 03014-99

SAMPLE IDENTITY: 03014-SKPILE-VOC

CONTROL #: 20125

DATE SAMPLED: 05/19/99

DATE REC'D: 05/23/99

DATE ANALYZED: 05/20/99

COMPOUND

MATRIX: SOLID
CONCENTRATION
BASED ON DRY WEIGHT
(UG/KG)

% TOTAL SOLIDS: 88.2
DETECTION LIMIT MULTIPLIER:
PQL BASED ON DRY WEIGHT
(UG/KG) X 11.6

1,1,2-TRICHLOROETHANE	BDL	1
TRICHLOROETHENE	BDL	1
TRICHLOROFLUOROMETHANE	BDL	1
1,2,3-TRICHLOROPROPANE	BDL	1
VINYL CHLORIDE	BDL	1
M/P-XYLENE	BDL	1
O-XYLENE	BDL	1
METHYL-TERTIARY-BUTYL ETHER	BDL	1
CARBON DISULFIDE	BDL	1
n-BUTYLBENZENE	BDL	1
sec-BUTYLBENZENE	BDL	1
tert-BUTYLBENZENE	BDL	1
ISOPROPYLBENZENE	BDL	1
4-ISOPROPYLTOLUENE	BDL	1
n-PROPYLBENZENE	BDL	1
1,2,3-TRICHLOROBENZENE	BDL	1
1,2,4-TRICHLOROBENZENE	BDL	1
1,2,4-TRIMETHYLBENZENE	45	1
1,3,5-TRIMETHYLBENZENE	35	1
NAPHTHALENE	BDL	1
ACRYLONITRILE	BDL	1
HEXACHLOROBUTADIENE	BDL	1
TETRAHYDROFURAN	BDL	5
DIETHYL ETHER	BDL	5
2-HEXANONE	BDL	10
4-METHYL-2-PENTANONE	BDL	10
2-BUTANONE	BDL	10
ACETONE	BDL	15
2-CHLOROETHYL VINYL ETHER	BDL	20
ACROLEIN	BDL	50

SURROGATE	PERCENT RECOVERY	ACCEPTANCE LIMITS
DIBROMOFLUOROMETHANE	81%	65-115%
TOLUENE-D8	82%	65-115%
4-BROMOFLUOROBENZENE	73%	65-115%

BDL=BELOW DETECTION LIMIT
ANALYZED BY: CP



VOA SPIKE RECOVERY FORM
EPA METHOD 8260B

CUSTOMER: HIGGINS ENVIRONMENTAL ASSOCIATES

LAB#: 99050194

SAMPLE LOCATION: LAWRENCE, MA

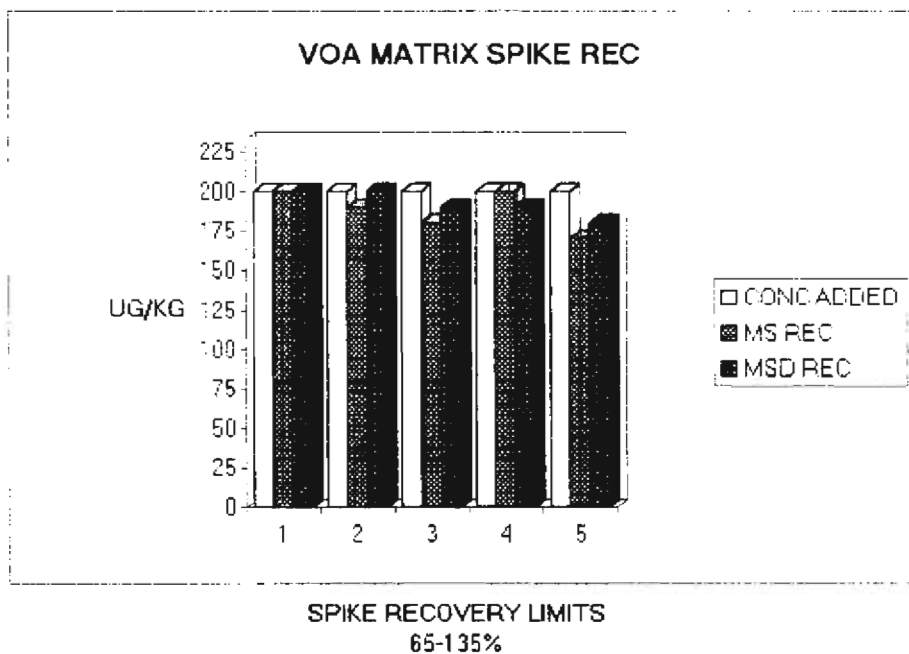
JOB#: 03014-99

SAMPLE IDENTITY: CONTROL SPIKES 05/20/99

CONTROL #: 20125

DATE ANALYZED: 05/20/99

COMPOUND	CONC ADDED (UG/KG)	AMT REC (UG/KG)	DUP AMT REC (UG/KG)	%REC	DUP % REC	%DIFF
1,1-DICHLOROETHENE	200	200	200	100%	100%	0%
BENZENE	200	190	200	95%	100%	5%
TRICHLOROETHENE	200	180	190	90%	95%	5%
TOLUENE	200	200	190	100%	95%	5%
CHLORO BENZENE	200	170	180	85%	90%	5%



Chain of Custody No. 20125

Multiple COC's Yes No



317 Elm Street Milford, NH 03055
(603) 673-5440 / Fax (603) 673-0366

CHAIN OF CUSTODY

A CUSTOMER INFORMATION				B PROJECT INFORMATION				C SAMPLE INFORMATION								
CUSTOMER: HEA				JOB NAME: 03014 - Lawrence				TURNAROUND TIME: (CIRCLE ONE):								
ADDRESS: 19 Elizabeth St.				JOB NUMBER: 03014-99				STANDARD: RUSH								
CITY/STATE/ZIP: Amesbury MA 01913				LOCATION: Lawrence MA				RUSH T.A.T. _____ (CHECK W/LAB)								
TELEPHONE: 978 834-9000				TELEPHONE: 978 834 9000				AMBER GLASS (AG) / GLASS (G) / PLASTIC (P)								
REPORT TO: S. Higgins				CONTACT: S. Higgins				CONTAINER PRESERVATIVE AND/OR ILC (K)								
P O NUMBER: 03014-97				QUOTE NUMBER: 03014-99												
SAMPLE IDENTIFICATION & LOCATION		COLLECTED		SAMPLE TYPE	MATRIX	CONTAINERS	ANALYSIS									
DATE	TIME	DATE	TIME	(H)	SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	(1) OR (2)										
03014-Skipile.		5/19/99	1640	X	S	2	A) PCB 8082									
03014-Skipile-VOC		5/19/99	1630	X	S	2	B) VOC 8260									
		DATE	TIME													
		DATE	TIME													
		DATE	TIME													
		DATE	TIME													
		DATE	TIME													
		DATE	TIME													
		DATE	TIME													
		DATE	TIME													
M CUSTODY		SAMPLER: S. Higgins		DATE	TIME	MILITARY TIME	SAMPLE CHECK LIST:		RECEIVED IN GOOD CONDITION YES OR NO TEMP BLANK _____ °C SHIPPED OR HAND DELIVERED SAMPLES WERE PROPERLY PRESERVED YES OR NO SAMPLES WERE FILTERED IN FIELD YES OR NO IF NO EXPLAIN: N/A							
		SIGNATURE: S. Higgins		5/19/99	1645	1645										
RELINQUISHED:		SIGNATURE: S. Higgins		5/20/99	0755	0755										
RECEIVED:		SIGNATURE: S. Higgins		5/20/99	7:50	7:50										
RELINQUISHED:				DATE	TIME	TIME										
RECEIVED FOR LAB:				DATE	TIME	TIME										



COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 Metropolitan Boston - Northeast Regional Office

ARGEO PAUL CELLUCCI
 Governor

JANE SWIFT
 Lieutenant Governor

BOB DURAND
 Secretary

LAUREN LISS
 Commissioner

MEMORANDUM

TO: The File

THROUGH: Sharon Gobel, Environmental Engineer IV, BWSC/Audits
 Pat Donahue, Section Chief, BWSC/Audits

FROM: Allen Wyman, Environmental Analyst II, BWSC/Audits

DATE: June 21, 1999

SUBJECT: **FIELD INSPECTION NOTES**
 American Recycling of Mass, Inc. d/b/a
 John C. Tombarello & Sons
 207 Marston Street
 Lawrence, Massachusetts
 DEP Release Tracking No. 3-16817, 3-18126, 3-18431

*To file
 7/23/99*

PRESENT DURING INSPECTION:

Allen Wyman, Environmental Analyst
 Zachary Peters, Geologist
 Peg Carson, Environmental Engineer
 Peter F. Prinz, Vice President, Operations Officer
 David Smith, Operations Manager
 Jonathan Higgins, LSP

REPRESENTING:

DEP/NERO/BWSC
 DEP/NERO/BWSC
 DEP/NERO/BWP
 American Recycling, Inc.
 American Recycling, Inc.
 Higgins Environmental Associates

INTRODUCTION

On June 21, 1999, the Massachusetts Department of Environmental Protection (the Department) conducted an unannounced compliance inspection at the John C. Tombarello & Sons metal recycling yard. The property is owned by American Recycling of Massachusetts, Inc. (American) and is located at 207 Marston Street in Lawrence, MA (the Site). The purpose of the inspection was two fold: 1) Mr. Wyman and Mr. Peters were present to review response

actions taken as part of an April 21, 1999 Immediate Response Action (IRA) Plan and June 1, 1999 Modified IRA Plan including actions taken to mitigate a potential Imminent Hazard (IH) condition identified at the Site; and 2) Ms. Carson was present to follow-up on improper waste storage and handling at the facility previously identified by the Department during a February 17, 1999 inspection, and also to assess general compliance with the Resource Conservation Recovery Act (RCRA) and a previously issued cyanide recycling permit.

The above stated individuals were present at various times during the inspection, which took place between 1115 and 1400 hours.

PRE-INSPECTION MEETING

Ms. Carson, Mr. Peters, and Mr. Wyman met in the offices of American with Mr. Prinz. At the beginning of the meeting, the writer informed American that the Department was conducting an unannounced inspection to observe compliance with the regulations and for the purposes outlined above. Ms. Carson asked Mr. Prinz questions regarding the operations of the facility, specifically related to waste generation and management. These questions included clarification of the facility's "generator status" as well as the status of the cyanide recycling permit. Mr. Prinz indicated that he did not know the facility's RCRA generator status, i.e. very small, small, or large quantity generator. He also indicated that American did not perform gold recycling and thus was no longer using the cyanide permit. The following information was discussed:

- the facility does not accept scrap material that contains hazardous material and incoming material is checked for hazardous wastes;
- they use no cutting oils and scrap is not received with oils dripping;
- the facility uses Safety Kleen degreasers;
- the use of hydraulic oil includes three cranes (approximately 60 gallons each), one baler (about 1,200 gallons) and one shear;
- the hydraulic oils are self contained and filtered for reuse;
- approximately 30 to 40 gallons/month of waste oil is generated as a result of changing the engine oil in facility vehicles;
- scrap cars are brought to Prolerized New England in Everett and Boston, MA;
- the facility collects, palletizes, stores and ships out batteries; acid is not removed from the batteries; and,
- waste oils, including oil wastes left at the exterior gate of the facility, are stored in an on-site 500-gallon above ground storage tank (AST).

Mr. Peters and Mr. Wyman asked questions regarding the transportation and disposal of waste products noted during the February 1999 field inspection. Mr. Prinz indicated that the Site had been cleaned and that approximately 2,000 gallons of waste oils were generated and disposed of by Clean Harbors 1 to 2 weeks after the inspection. Previously noted stockpiled soils had also been removed from the Site. Mr. Prinz provided copies of the weight slips generated at the Tombarello scales as a result of the removal of stockpiled soils but was not able to provide Bill of Ladings (BOLs) for the soil removal. Also, Mr. Prinz did not have copies of Clean Harbors manifests associated with the disposal of the waste oils. Ms. Carson noted that American must maintain copies of the BOLs and manifests at the facility for three years. American then called Clean Harbors to acquire copies of the manifests. Mr. Wyman asked if any PCB contaminated wastes were taken off site since the last inspection. Mr. Prinz indicated that

about 40 samples were collected at the Site by the Licensed Site Professional (LSP) and that no additional Polychlorinated Biphenyls (PCBs) were found. Mr. Wyman indicated that he has been in contact with the LSP regarding soil sampling results.

During these discussions, the corporate and ownership status of the property was clarified. American Recycling of Mass., Inc. is doing business as John C. Tombarello and Sons. Mr. Prinz indicated that John C. Tombarello and Sons, **Inc.** still exists as a corporation from which retirement funds are paid out. He reiterated that American is doing business as John C. Tombarello and Sons and is not affiliated with John C. Tombarello and Sons, **Inc.** It was noted by DEP that the facility's signs, trucks, and paperwork use the name John C. Tombarello and Sons, **Inc.** Mr. Prinz indicated that American is not doing business in the State of Massachusetts under any other name or affiliations.

INSPECTION

After the meeting, a site inspection was conducted. Present during the full inspection were Ms. Carson, Mr. Peters, Mr. Wyman, and Mr. Prinz. Mr. Higgins arrived just prior to 1300 hours, and Mr. Smith was present for a small portion of time. The inspection consisted of walking through all on-site buildings and most structures to observe materials storage, handling, and/or potential or actual oil and/or hazardous materials releases. The buildings entered included the Storage Shed, Metal Shop/Garage, Furnace Building, Press, Small Shear, and Large Shear. Observations noted during the inspection were:

Storage Shed: As identified during the previous inspection, outside the west and north wall of the shed are the former locations of one 500 or 1,000-gallon diesel UST and one 500-gallon gasoline UST. The diesel tank was reportedly removed by Clean Harbors Inc. between 4 and 7 years ago and the gasoline UST was reportedly removed by Tombarello around 1989. The Department has not received the tank removal documentation requested from Mr. Tombarello during the initial inspection.

Metal Shop/Garage: Catch basins noted during the previous inspection are located around the perimeter of the building. Mr. Prinz indicated that they intend to have a third party conduct dye testing to determine the discharge point for all catch basins and drains on the Site. A 55-gallon drum, previously noted to be leaking and located near the catch basins, had been removed. Various unknown containers and drums previously noted underneath the building in a crawlspace have also been removed. A drain with an unknown discharge location was again noted inside the building.

Furnace Building: Seven pallets of car batteries and two pallets of industrial batteries present during the initial inspection were no longer present. The former location of the cyanide bath stripping process, reportedly terminated over a year prior to the previous inspection, was also inspected. The previously identified 15-gallon drum labeled gold/cyanide was no longer present. A couple of 15-gallon drums labeled water were located in this area. Ms. Carson noted that the vent hood and materials that previously had potential to be in contact with cyanide or cyanide wastes would need proper disposal, potentially as hazardous waste, and should not be dismantled without proper procedures.

Press: A fill and vent pipe related to a tank of unknown location were noted on the north side of the building. The previously identified floor drain was again noted in the building. Although the Department had previously identified this drain to American as an area of concern for potential releases to the environment and or sewer system, Mr. Prinz indicated that they still did not know the discharge point of the drain. An approximately two inch thick covering of pasty oily material was again noted throughout the basement of the building and surrounding the floor drain. Also noted in the basement were more than the five or six 55-gallon drums noted during the previous inspection, but now contained approximately 22 drums, up to 13 of which contained dry oily pasty and oily liquid material apparently scraped from the floor. Oily water was also on the floor. The oily pasty material was not described by American as wastes dripping down from materials in the press as indicated during the initial inspection, but is now believed to be leaking hydraulic oil from the press machine. Mr. Wyman told Mr. Prinz that a potential UST associated with the fill and vent pipe located against the press building must be evaluated.

Small Shear: Dark staining was noted around the shear extending from a concrete pad to the ground surface.

Large Shear: Dark staining was noted on the cement pad supporting the shear and surrounding soils.

Exterior Piles: Many piles of scrap metal were noted throughout the Site. These piles included car parts, tanks, and various other large and small metal debris. The 12 UST halves noted during the initial inspection were no longer present. Noted between the small and large shears was a pile of metal taller than 20 feet which Mr. Prinz identified as waste metal generated from the burning of trash and other wastes at the Ogden Martin incinerator. The potential for dioxin impacts to the soil as a result of the handling and storage of this material may require assessment.

Throughout the facility, many rooms contained 55-gallon drums or machinery which were leaking oil onto the floors. These releases were covered with speedy-dri, much of which appeared freshly placed. In only one location, the front of the metal shop/garage, did inspectors note waste speedy-dri being stored for disposal. This uncovered 55-gallon drum contained approximately 1 to 2 cubic feet of used speedy-dri. Mr. Prinz was asked to remove the drum from the elements and properly cover and store it. The amount of speedi-dri spread on staining noted during the inspection would likely result in the generation of at least two 55-gallon drums.

During the previous inspection, the Department had noted concerns to American that some of the catch basins were identified in the Baumgartner report as going into the sanitary sewer and some were not. At that time, no one was able to positively identify the outfall of any on-site catch basins. During this inspection, Mr. Prinz indicated that American had run water through some of the drains and had identified the discharge point in some instances. No documentation providing any information regarding such testing has been provided to the Department. Mr. Prinz indicated that it was their intention to hire a third party to conduct an assessment of drain and catch basin discharge locations.

Also observed during the inspection was an approximately 3.5 foot high barbed wire fence placed atop the earthen berm located along the south boundary of the property. The fence was intended to abate a potential IH condition at the Site by preventing children access to surficial soil until a determination could be made on whether an IH condition actually exists. It

was noted that the fence was not continuous and stopped a few feet short of connecting to the existing fence located along the eastern boundary of the property. Also, the fence did not connect to the length of fence located on the southwest border of the property, which separates the Sons of Italy from the facility. A row of concrete Jersey barriers was being used to connect the two lengths of fencing. As such, there are large gaps allowing anyone to walk around the fence and access the property. In addition, there was no highly visible line of tape demarcating the fence. Upon noting this, Mr. Wyman indicated to Mr. Higgins that both ends of the barbed wire fencing must be connected to the other existing fencing. Mr. Wyman also indicated that the height of the barbed wire fence was inadequate and not as previously proposed by American and approved by the Department. Mr. Wyman felt that the fence could easily be "hopped". Therefore, Mr. Wyman indicated that the fence should be brought to a level of 5 feet in height and a highly visible line of tape should be added to the fence.

During the previous inspection, Mr. Tombarello indicated that the security system was not in use. During this inspection, Mr. Prinz indicated that the security system is in use and that only about a week prior, it went off as a result of a driver showing up early at the facility. Mr. Prinz also indicated that three days after the barbed wire fence was placed, kids were caught trespassing on the site from the billboard area. It appears that the current security system and the current fence configuration are not adequate to control site access.

POST-INSPECTION MEETING

The inspection was completed at approximately 13:30 hours. After the inspection, Mr. Prinz, Mr. Higgins, Ms. Carson, Mr. Peters, and Mr. Wyman returned to the offices of American. The Department issued a field Notice of Responsibility (NOR) for a threat of release based upon the observed conditions in the bailer/press room basement and the unknown discharge point for the floor drain affected by the oily liquids in addition to the unknown integrity of the concrete basement floor. Mr. Prinz indicated that it would be cleaned the next day. It was indicated to American that in addition to the cleaning, the Department was requiring that the subfloor and the drainage outfall be assessed for potential releases to the environment. Ms. Carson outlined management practices at the facility that are not being conducted in compliance with state regulations. Mr. Wyman emphasized: the need to identify the discharge point for all drains and catch basins on the Site; the need to document that the former USTs located on the Site were removed; if a UST is discovered adjacent to the bailer/press room, it may need to be removed and the surrounding area assessed; and, the fence would need to be upgraded to approved specifications. The inspection/meeting was adjourned between 1345 and 1400 hours.



RELEASE NOTIFICATION & NOTIFICATION RETRACTION
FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart

Release Tracking
Number

3-18126

If assigned by DEP

A. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 207 Marston Street

Location Aid: Hofman Avenue

City/Town: Lawrence

ZIP Code: 01841

B. THIS FORM IS BEING USED

(check one)

TO:

Submit a Release Notification (complete all sections of this form).

Submit a Retraction of a Previously Reported Notification of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You MUST attach the supporting documentation required by 310 CMR 40.0335.

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR. 6/25/98 Time: 0800 Specify: AM PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

IF KNOWN, record date and time release or TOR occurred. _____ Time: _____ Specify: AM PM

Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. _____ Time: _____ Specify: AM PM

Check all Notification Thresholds that apply to the Release or Threat of Release: (for more information see 310 CMR 40.0310 - 40.0315)

2 HOUR REPORTING CONDITIONS

72 HOUR REPORTING CONDITIONS

120 DAY REPORTING CONDITIONS

Sudden Release

Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch

Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)

Threat of Sudden Release

Underground Storage Tank (UST) Release

Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards

Oil Sheen on Surface Water

Threat of UST Release

Release of Oil to Groundwater Exceeding Reportable Concentration(s)

Poses Imminent Hazard

Release to Groundwater near Water Supply

Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch

Could Pose Imminent Hazard

Release Detected in Private Well

Release to Storm Drain

Sanitary Sewer Release (Imminent Hazard Only)

List below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM) Released:

O or HM Released	O HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)
See Attached list	<input type="checkbox"/> <input type="checkbox"/>				
	<input type="checkbox"/> <input type="checkbox"/>				
	<input type="checkbox"/> <input type="checkbox"/>				

D. ADDITIONAL INVOLVED PARTIES:

Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).

Check here if attaching Licensed Site Professional (LSP) name and address (optional).

You may write in names and addresses on the bottom of the second page of this form.



RELEASE NOTIFICATION & NOTIFICATION RETRACTION
FORM

Release Tracking
Number

3-18126

If assigned by DEP

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

E. PERSON REQUIRED TO NOTIFY:

Name of Organization: American Recycling, Inc.
Name of Contact: Peter F. Prinz Title: Vice President, COO
Street: P.O. Box 76488
City/Town: Highland Heights State: KY ZIP Code: 41076
Telephone: 606 572 0199 Ext.: _____ FAX: _____
(optional)

F. RELATIONSHIP OF PERSON REQUIRED TO NOTIFY TO RELEASE OR THREAT OF RELEASE: (check one)

RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP:
Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
 Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
 Any Person Otherwise Required to Notify Specify Relationship: Former Operator John C. Tombarello & Sons Inc.

G. CERTIFICATION OF PERSON REQUIRED TO NOTIFY:

I, Peter F. Prinz, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. The person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: [Signature] Title: Vice President, COO
(signature)
For: American Recycling, Inc. Date: 4/21/99
(print name of person or entity recorded in Section E)

Enter address of the person providing certification, if different from address recorded in Section E:
Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext. _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

LSP of Record: Jonathan B. Higgins LSP No. 3605
Higgins Environmental Associates, Inc.
19 Elizabeth St.
Amesbury, MA 01913
(978) 834-9000

Other RP/Former Operator:
John C. Tombarello & Sons, Inc.
12 Agnes Terrace
Methuen, MA 01844
(603) 474-8821
ATTN: George R. Tombarello



COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
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ARGEO PAUL CELLUCCI
 Governor

TRUDY COXE
 Secretary

DAVID B. STRUHS
 Commissioner

BUREAU OF WASTE SITE CLEANUP
 TELEPHONE CONVERSATION NOTES

To file
 6/16/99

SITE NAME: Tombarello & Sons, Inc. SITE NUMBER: 3-18126

SITE LOCATON: Lawrence

DATE: 6/16/99 TIME: 16:30

FROM: Allen Wyman REPRESENTING: MADEP

TO: John Higgins REPRESENTING: Higgins Env. MADEP

DISCUSSION:

I informed Mr. Higgins that, based upon discussions I had today with my Section Chief, Pat Donahue, the deadline for Tier Classification is one year from the date of NOR issuance (3/31/00).

NOTE: Pat & I discussed dates of knowledge (6/24/98), my completion of the RLF (3/26/99 & 9/3/98) & it was agreed upon between her & I that the correct anniversary date for Tier Class. &/or RAO is based on NOR date of 3/31/99. We also went over Necessary Response Actions in NOR to confirm this.



RELEASE LOG FORM ATTACHMENT

Release Tracking Number

3-18126

E. LOG/RELEASE LOCATION INFORMATION: (complete if using only BWSC-102B)

City/Town: Lawrence Date: 5/28/99 Time: 13:30 AM PM

Release Address: 207 Marston St.

Use of Attachment (check one): Initial C&E - Announced Initial C&E - Unannounced C&E - Announced C&E - Unannounced

Attachment Page(s): _____ of: _____ Office Follow-up Field - Direct Oversight Field Follow-up or Other

F. ADDITIONAL DESCRIPTION:

Allen Wyman orally approved a modified IRA Plan presented by Mr. Jonathan Higgins, LSP # 3605 for the Tomberello facility. The modified plan was for the installation of a 5' tall, 5 line barbed wire fence to run along the top of the berm. It was also the purpose of the modified plan to advance additional wells & collect additional samples. The hardcopy of the plan was to follow.

Note: On June 1, 1999 the hardcopy of the plan was received by the Department & reviewed by Al Wyman. Hard copy was in keeping with verbal approval granted on May 28.

G. DEP ASSIGNMENT: (complete if using BWSC-102A and 102B or BWSC-102B only)

Preparer of RLFA (please print): Allen Wyman Signature: [Signature]

Staff Lead Assigned (if different from preparer): _____

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-102A

Release Tracking Number

3-18126

RELEASE LOG FORM ATTACHMENT

A. LOG/RELEASE LOCATION INFORMATION: (complete if using BWSC-102A and 102B or BWSC-102A only)

City/Town: LAWRENCE Date: 5/28/99 Time: 13:30 AM PM
Release Address: 207 MacArthur St.
Use of Attachment (check one): Office Follow-up Attachment Page(s): _____ of: _____

B. ORAL PLAN SUMMARY: (check all that apply)

- Removal of Contaminated Soils
 - Re-use or Recycling
 - On Site Off Site Volume: _____ cubic yards
 - Treat On Site Off Site Volume: _____ cubic yards
Describe: _____
 - Store On Site Off Site Volume: _____ cubic yards
 - Landfill Cover Disposal Volume: _____ cubic yards
- Deployment of Absorbent or Containment Materials
- Temporary Covers or Caps
- Bioremediation
- Soil Vapor Extraction
- Structure Venting System
- Product or NAPL Recovery
- Groundwater Treatment Systems
- Air Sparging
- Temporary Water Supplies
- Temporary Evacuation or Relocation of Residents

Removal of Drums, Tanks or Containers

Describe: _____

Removal of Other Contaminated Media

Specify Type and Volume: _____

Other Response Actions Describe: install additional O/Ws and Spk Seals

Check here if this Release or Threat of Release is a candidate for future presumptive approval of an IRA or RAM Written Plan.

Check one of the following: Oral IRA Plan Approval Oral RAM Plan Approval Oral IRA Plan Modification Approval

Other Comments:

Details @ 102B

C. ADDITIONAL INVOLVED PERSON INFORMATION:

Check One: PRP PRP Local Contact Other Person Performing Response Action
 Other Relationship Specify: _____

Name of Organization: _____

Name of Contact: _____ Title: _____

Street: _____ Check here if this person received a field NOR.

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: _____

D. DEP ASSIGNMENT: (complete if using only BWSC-102A)

Preparer of RLFA (please print): _____ Signature: _____

Staff Lead Assigned (if different from preparer): _____

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.



RELEASE LOG FORM ATTACHMENT

Release Tracking Number

3-18126

E. LOG/RELEASE LOCATION INFORMATION: (complete if using only BWSC-102B)

City/Town: Lawrence Date: 5/28/99 Time: 13:30 AM PM

Release Address: 207 Marston St.

Use of Attachment (check one): Initial C&E - Announced Initial C&E - Unannounced C&E - Announced C&E - Unannounced

Attachment Page(s): _____ of _____ Office Follow-up Field - Direct Oversight Field Follow-up or Other

F. ADDITIONAL DESCRIPTION:

Allen Wyman orally approved a modified IRIA Plan presented by Mr. Jonathan Higgins, LSP # 3605 for the Tombarello Facility. The modified plan was for the installation of a 5' tall, 5 line barbed wire fence to run along the top of the berm. It was also the purpose of the modified plan to advance additional wells & collect additional samples. The hardcopy of the plan was to follow.

Note: On June 1, 1999 the hardcopy of the plan was received by the Department & reviewed by Al Wyman. Hard Copy was in keeping with verbal approval granted on May 28.

G. DEP ASSIGNMENT: (complete if using BWSC-102A and 102B or BWSC-102B only)

Preparer of RLFA (please print): Allen Wyman Signature: [Signature]

Staff Lead Assigned (if different from preparer): _____

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-102A (12)

Release Tracking Number

3 - 18126 PC

RELEASE LOG FORM ATTACHMENT

A. LOG/RELEASE LOCATION INFORMATION: (complete if using BWSC-102A and 102B or BWSC-102A only)

City/Town: Lawrence Date: 4/23/99 Time: 14:20 AM PM
 Release Address: 207 Marston Street
 Use of Attachment (check one): Office Follow-up Attachment Page(s): _____ of _____

B. ORAL PLAN SUMMARY: (check all that apply)

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Removal of Contaminated Soils | <input type="checkbox"/> Deployment of Absorbent or Containment Materials |
| <input type="checkbox"/> Re-use or Recycling | <input type="checkbox"/> Temporary Covers or Caps |
| <input type="checkbox"/> On Site <input checked="" type="checkbox"/> Off Site Volume: <u>Amount currently stockpiled</u>
<u>~100</u> cubic yards | <input type="checkbox"/> Bioremediation |
| <input type="checkbox"/> Treat <input type="checkbox"/> On Site <input type="checkbox"/> Off Site Volume: _____ cubic yards | <input type="checkbox"/> Soil Vapor Extraction |
| Describe: _____ | <input type="checkbox"/> Structure Venting System |
| <input type="checkbox"/> Store <input type="checkbox"/> On Site <input type="checkbox"/> Off Site Volume: _____ cubic yards | <input type="checkbox"/> Product or NAPL Recovery |
| <input type="checkbox"/> Landfill <input type="checkbox"/> Cover <input type="checkbox"/> Disposal Volume: _____ cubic yards | <input type="checkbox"/> Groundwater Treatment Systems |
| <input type="checkbox"/> Removal of Drums, Tanks or Containers | <input type="checkbox"/> Air Sparging |
| Describe: _____ | <input type="checkbox"/> Temporary Water Supplies |
| <input type="checkbox"/> Removal of Other Contaminated Media | <input type="checkbox"/> Temporary Evacuation or Relocation of Residents |
| Specify Type and Volume: _____ | <input type="checkbox"/> Fencing and Sign Posting |
| <input type="checkbox"/> Other Response Actions Describe: _____ | |

Check here if this Release or Threat of Release is a candidate for future presumptive approval of an IRA or RAM Written Plan.

Check one of the following: Oral IRA Plan Approval Oral RAM Plan Approval Oral IRA Plan Modification Approval

Other Comments: Department approves IRA plan submitted on 4/21/99 by Jonathan Higgins, LSP. The following conditions are required as part of the approval: (see additional descriptions on reverse side)

C. ADDITIONAL INVOLVED PERSON INFORMATION:

Check One: PRP PRP Local Contact Other Person Performing Response Action
 Other Relationship Specify: _____

Name of Organization: _____
 Name of Contact: _____ Title: _____
 Street: _____ Check here if this person received a field NOR.
 City/Town: _____ State: _____ ZIP Code: _____
 Telephone: _____ Ext.: _____ FAX: _____

D. DEP ASSIGNMENT: (complete if using only BWSC-102A)

Preparer of RLFA (please print): _____ Signature: _____
 Staff Lead Assigned (if different from preparer): _____
 Check here if the Release or Threat of Release is unassigned.
 Check here if this RLFA records a change in staff lead.



RELEASE LOG FORM ATTACHMENT

Release Tracking Number

3 - 18/26

E. LOG/RELEASE LOCATION INFORMATION: (complete if using only BWSC-102B)

City/Town: Lawrence Date: 4/23/99 Time: 14:20 AM PM

Release Address: 207 Marston St.

Use of Attachment (check one): Initial C&E - Announced Initial C&E - Unannounced C&E - Announced C&E - Unannounced

Attachment Page(s): _____ of _____ Office Follow-up Field - Direct Oversight Field Follow-up or Other

F. ADDITIONAL DESCRIPTION:

Conditions set forth as part of oral approval:

① Imminent Hazard Evaluation Opinion (IHEO) need to be submitted to the Dept. within 60 days of the day the PRP received the Notice of Responsibility as per 310 CMR 40.0426(3)

② Upon discovering IHC, take immediate steps to abate per (40.0421 (2)(b)). It was discussed that an IHC exists if, in their sampling, levels above IHC Thresholds are in soils 0-6" belowgrade are discovered. If such is the case, a call to Al Wyman at the Department needs to be made to inform. A new RTN is not required. No timeline was given to make that call.

③ Currently stockpiled soils to be removed within 21 days from this conversation. Initially I asked Mr. Higgins if soils could be moved in 14 days but he felt that based upon the sampling that was needed, 21 days was more realistic. Mr. Wyman agreed to 21 days.

This conversation took place between Mr. Higgins and Mr. Wyman on 4/23/99 between 14:18 and 14:50.

G. DEP ASSIGNMENT: (complete if using BWSC-102A and 102B or BWSC-102B only)

Preparer of RLFA (please print): Allen Wyman Signature: Allen Wyman

Staff Lead Assigned (if different from preparer): _____

Check here if the Release or Threat of Release is unassigned

Check here if this RLFA records a change in staff lead.



IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM

Release Tracking
Number

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

3-18126

A. RELEASE OR THREAT OF RELEASE LOCATION:

Release Name:

(optional) Street: 207 Marston Street

Location Aid: Hoffman Avenue

City/Town: Lawrence

ZIP Code: 01841

- Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.
- Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.
- Specify Program: CERCLA HSWA Corrective Action Solid Waste Management RCRA State Program (21C Facilities)

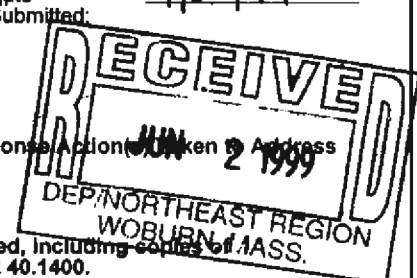
Related Release Tracking Numbers That This IRA

Addresses:

B. THIS FORM IS BEING USED TO: (check all that apply)

- Submit an IRA Plan (complete Sections A, B, C, D, E, H, I, J and K).
- Check here if this IRA Plan is an update or modification of a previously approved written IRA Plan. Date Submitted: 4/21/99
- Submit an Imminent Hazard Evaluation (complete Sections A, B, C, F, H, I, J and K).
- Submit an IRA Status Report (complete Sections A, B, C, E, H, I, J and K).
- Submit a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action Taken to Address an Imminent Hazard (complete Sections A, B, C, D, E, H, I, J and K).
- Submit an IRA Completion Statement (complete Sections A, B, C, D, E, G, H, I, J and K).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.



C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT

- Identify Media and Receptors Affected: (check all that apply)
- Air Groundwater Surface Water Sediments Soil
 - Wetland Storm Drain Paved Surface Private Well Public Water Supply Zone 2 Residence
 - School Unknown Other Specify: Interim Wellhead Protection Area (IWPA)

- Identify Conditions That Require IRA, Pursuant to 310 CMR 40.0412: (check all that apply)
- 72 Hour Reporting Condition(s)
 - Substantial Release Migration
 - 2 Hour Reporting Condition(s)
 - Other Condition(s)

Describe: Required by 3/31/99 NOR; Soil impacts could pose an Imminent Hazard; Release to IWPA

- Identify Oils and Hazardous Materials Released: (check all that apply)
- Oils
 - Chlorinated Solvents
 - Heavy Metals
 - Others Specify: PCBs (in soils only)

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
- Excavation of Contaminated Soils
 - Re-use, Recycling or Treatment
 - On Site Off Site Est. Vol.: _____ cubic yards
 - Describe: _____
 - Store On Site Off Site Est. Vol.: _____ cubic yards
 - Landfill Cover Disposal Est. Vol.: 100 cubic yards
- Removal of Drums, Tanks or Containers
 - Describe: _____
- Deployment of Absorbent or Containment Materials
- Temporary Covers or Caps
- Bioremediation
- Soil Vapor Extraction
- Structure Venting System
- Product or NAPL Recovery
- Groundwater Treatment Systems
- Air Sparging
- Temporary Water Supplies

SECTION D IS CONTINUED ON THE NEXT PAGE.



IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM

Release Tracking
Number

3-18126

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

Removal of Other Contaminated Media

Specify Type and
Volume: _____

Other Response Actions Describe _____

Check here if this IRA involves the use of Innovative Technologies (DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse).

Describe
Technologies: _____

Temporary Evacuation or Relocation of Residents

Fencing and Sign Posting Underway 6/2/99

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: Barre Landfill

Town and State: Barre, Massachusetts

Quantity of Remediation Waste Transported to Date: approx. 100 yds; awaiting weight slips

F. IMMEDIATE HAZARD EVALUATION SUMMARY: (check one of the following)

Based upon an evaluation, an Imminent Hazard exists in connection with this Release or Threat of Release.

Based upon an evaluation, an Imminent Hazard does not exist in connection with this Release or Threat of Release.

Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.

Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

G. IRA COMPLETION STATEMENT:

Check here if future response actions addressing this Release or Threat of Release will be conducted as part of the Response Actions planned for a Site that has already been Tier Classified under a different Release Tracking Number, or a Site that is identified on the Transition List as described in 310 CMR 40.0600 (i. e., a Transition Site, which includes Sites with approved Waivers). These additional response actions must occur according to the deadlines applicable to the earlier Release Tracking Number (i. e., Site ID Number).

State Release Tracking Number (i. e., Site ID Number) of Tier Classified Site or Transition Site: _____

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the IRA Completion Statement.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an Immediate Response Action Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an Imminent Hazard Evaluation is being submitted, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation complies(y) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> if Section B of this form indicates that an Immediate Response Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an Immediate Response Action Completion Statement or a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

SECTION H IS CONTINUED ON THE NEXT PAGE.



IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM

Release Tracking
Number

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

3 - 18126

H. LSP Opinion (continued):

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: Jonathan B. Higgins LSP #: 3605 Stamp:

Telephone: 978 834-9000 Ext.: _____

FAX: 978 834-9966
(optional)

Signature: [Signature]

Date: 6/1/99



I. PERSON UNDERTAKING IRA:

Name of Organization: American Recycling, Inc.

Name of Contact: Peter F. Prinz Title: Vice President, COO

Street: P.O. Box 76488

City/Town: Highland Heights State: KY ZIP Code: 41076

Telephone: 606 572 0199 Ext.: _____ FAX: _____
(optional)

Check here if there has been a change in the person undertaking the IRA.

J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one)

RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____

Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

Any Other Person Undertaking IRA Specify John C. Tombarrello & Sons, Inc. (Former operator)
Relationship: _____

K. CERTIFICATION OF PERSON UNDERTAKING IRA:

I, Peter F. Prinz, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: [Signature] Title: Vice President, COO

For: American Recycling, Inc Date: 6/1/99
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:
Street: _____

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Form No. 60

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

Carrier's No. _____

(Name of Carrier) Shipper's No. _____

American Recycling of Mass., Inc.
JOHN C. TOMBARELLO & SONS, INC.
LAWRENCE, MASS.

From
At

May 27, 19 99

The property described below, in apparent good order, except as noted (contents and condition of contents of package unknown), marked, consigned, and delivered as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, and that in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to Barry Landfill

Destination Depot road Barr, MA State _____ County _____ Delivery Address _____ (Mail or street address of consignee—For purposes of notification only.)
 (* To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route _____

Delivering Carrier Charlton Welding # 13 67475 Car or Vehicle Initials _____ No. _____

No. Packages	HM	Kind of Package, Description of Articles, Special Marks, and Exceptions	Weight (Sub to Connection)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
		dirt	gross 106980			(Signature of consignor.) If charges are to be prepaid, write or stamp here, "To be Prepaid." Received \$ _____ to apply in the prepayment of the charges on the property described hereon. Agent or Cashier _____ Per _____ (The signature here acknowledges only the amount prepaid.) Charges advanced: \$ _____
			tare 35320			
			net 71660			

Collect On Delivery and remit to [Signature] C. O. D. Charge to be paid by Shipper Consignee

*Shipper's imprint in lieu of stamp, not a part of bill of lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
 NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
 The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____

The Fibre Boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Consolidated Freight Classification.

TOMBARELLO & SONS, INC. Shipper, Per _____ Agent, Per _____

Permanent postoffice address of shipper, 207 MARSTON ST., LAWRENCE, MASS.

These documents are reportedly associated with the ~ 100 yrd³ of soil removed excavated in the rear of the facility and removed from site as a result of a Department request in accordance with the April 21, 1999 IRA plan for 3-18126. (Section VI. (2))

Form No. 60

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

Carrier's No. _____

(Name of Carrier) Shipper's No. _____

**American Recycling of Mass., Inc. d/b/a/
JOHN C. TOMBARELLO & SONS, INC.
LAWRENCE, MASS.**

May 27

, 19

99

From
At

the property described below, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, if mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to Barry Landfill (Mail or street address of consignee—For purposes of notification only.)

Destination Depot Rd. Barry, MA. State _____ County _____ Delivery Address ★
(* To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Route _____

Delivering Carrier Charlton # 13 -57475 Car or Vehicle Initials _____ No. _____

No. Packages	HM	Kind of Package, Description of Articles, Special Marks, and Exceptions	Gross	Weight (Sub. to Correction)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
		dirt	Gross	112460			
			Tare	35060			
			Net	77400			
							(Signature of consignor.)
							If charges are to be prepaid, write or stamp here, "To be Prepaid."
							Received \$ _____ to apply in the prepayment of the charges on the property described hereon.
							Agent or Cashier
							Per _____ (The signature here acknowledges only the amount prepaid.)
							Charges advanced: \$ _____

Collect On Delivery and remit to [Signature] C. O. D. Charge to be paid by Shipper Consignee

Shipper's stamp in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____

The Fibre Boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Consolidated Freight Classification.

TOMBARELLO & SONS, INC. Shipper, Per _____ Agent, Per _____

Permanent postoffice address of shipper, 207 MARSTON ST., LAWRENCE, MASS.

Form No. 60

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

Carrier's No. _____

(Name of Carrier) Shipper's No. _____

American Recycling of Mass., Inc. d/b/a
JOHN C. TOMBARELLO & SONS, INC.
 LAWRENCE, MASS.

From
At

May 27, 19 99

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Third Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.
 Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his consignee.

Consigned to Barry Landfill (Mail or street address of consignee—For purposes of notification only.)

Destination Depot Rd, Barry, MA State _____ County _____ Delivery Address _____ ★
 (* To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Route _____

Delivering Carrier L&M # 8 Car or Vehicle Initials _____ No. _____

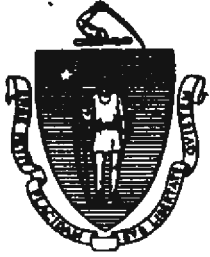
No. Packages	HM	Kind of Package, Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Correction)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
		dirt gross	99,700			(Signature of consignor.) If charges are to be prepaid, write or stamp here, "To be Prepaid." Received \$ _____ to apply in the prepayment of the charges on the property described hereon. Agent or Cashier Per _____ (The signature here acknowledges only the amount prepaid.) Charges advanced: \$ _____
		tare	35,800			
		net	63,900			

Collect On Delivery and remit to _____ C. O. D. Charge to be paid by Shipper Consignee

Shipper's imprint in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission.

"If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is 'carrier's or shipper's weight.'
 NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
 The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____
 The Fibre Boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of Consolidated Freight Classification.

TOMBARELLO & SONS, INC. Shipper, Per [Signature] Agent, Per _____
 Permanent postoffice address of shipper, 207 MARSTON ST., LAWRENCE, MASS.



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston - Northeast Regional Office

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

EDWARD P. KUNCE
Acting Commissioner

April 22, 1999

American Recycling, Inc.
P.O. Box 76488
Highland Heights, KY 41076
ATTN: Peter Prinz

LAWRENCE
207 Marston Street
RTN 3-18126
RELEASE NOTIFICATION FORM

Dear Mr. Prinz:

On April 21, 1999, the Department of Environmental Protection's Northeast Regional Office received a Release Notification Form (RNF) for the above mentioned release. In response, the Department has conducted an administrative completeness review of this submittal. At the conclusion of its review, the Department has determined that this Release Notification Form is administratively incomplete.

To address the administrative deficiency in this submittal, please return the enclosed form with the following information.

Release Notification & Notification Retraction BWSC Form 103:

In Section C, the correct date you obtained knowledge must be provided.

All original forms should be returned to the Department when complete.

The Department will not consider itself in receipt of this submittal until the required corrections are made. The receipt date of this submittal will be the date that the Department is in receipt of a complete and correct Release Notification Form submittal.

This information is available in alternate format by calling our ADA Coordinator at (617) 574-6872.

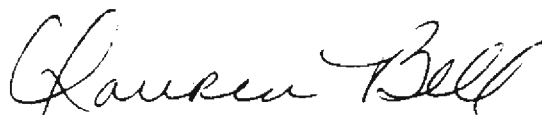
205a Lowell St. Wilmington, MA 01887 • Phone (978) 661-7600 •
Fax (978) 661-7615 • TDD # (978) 661-7679

American Recycling, Inc.
Release Notification Form
Page 2

Please be advised that failure to submit a complete and correct Release Notification Form within the timeline set forth in the regulations (MCP) constitutes a violation subject to Department enforcement actions.

If you have any questions regarding this matter, I can be contacted at the letterhead address or by calling (978) 661-7704.

Sincerely,



Lauren Bell
Bureau of Waste Site Cleanup

cc: Higgins Environmental Associates, Inc.
19 Elizabeth Street
Amesbury, MA 01913
ATTN: Jonathan Higgins

DEP File

Enclosure.



RELEASE NOTIFICATION & NOTIFICATION RETRACTION
FORM

Release Tracking
Number

3-18126

If assigned by DEP

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart

A. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 207 Marston Street

Location Aid: Hofman Avenue

City/Town: Lawrence

ZIP Code: 01841

B. THIS FORM IS BEING USED

(check one)

TO:

Submit a Release Notification (complete all sections of this form).

Submit a Retraction of a Previously Reported Notification of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You MUST attach the supporting documentation required by 310 CMR 40.0335.

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR. Date: 6/25/99 Time: 0800

Specify: AM PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

IF KNOWN, record date and time release or TOR occurred. Date: _____ Time: _____

Specify: AM PM

Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. Date: _____ Time: _____

Specify: AM PM

Check all Notification Thresholds that apply to the Release or Threat of Release:

(for more information see 310 CMR 40.0310 - 40.0315)

2 HOUR REPORTING CONDITIONS

72 HOUR REPORTING CONDITIONS

120 DAY REPORTING CONDITIONS

Sudden Release

Threat of Sudden Release

Oil Sheen on Surface Water

Poses Imminent Hazard

Could Pose Imminent Hazard

Release Detected in Private Well

Release to Storm Drain

Sanitary Sewer Release (Imminent Hazard Only)

Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch

Underground Storage Tank (UST) Release

Threat of UST Release

Release to Groundwater near Water Supply

Release to Groundwater near School or Residence

Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)

Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards

Release of Oil to Groundwater Exceeding Reportable Concentration(s)

Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch

List below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM)

Released:

O or HM Released

O HM (check one)

CAS # (if known)

Amount or Concentration

Units

Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)

See Attached List

D. ADDITIONAL INVOLVED PARTIES:

Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).

Check here if attaching Licensed Site Professional (LSP) name and address (optional).

You may write in names and addresses on the bottom of the second page of this form.



3 - 18126
If assigned by DEP

RELEASE NOTIFICATION & NOTIFICATION RETRACTION
FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

E. PERSON REQUIRED TO NOTIFY:

Name of Organization: American Recycling, Inc.
Name of Contact: Peter F. Prinz Title: Vice President, COO
Street: P.O. Box 76488
City/Town: Highland Heights State: KY ZIP Code: 41076
Telephone: 606 572 0199 Ext.: _____ FAX: _____
(optional)

F. RELATIONSHIP OF PERSON REQUIRED TO NOTIFY TO RELEASE OR THREAT OF RELEASE: (check one)

RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____
 Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
 Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

Any Person Otherwise Required to Notify Specify Relationship: Former Operator John C. Tombarrello & Sons Inc.

G. CERTIFICATION OF PERSON REQUIRED TO NOTIFY:

I, Peter F. Prinz, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/vis aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: [Signature] Title: Vice President, COO
(signature)
For: American Recycling, Inc. Date: 4/21/99
(print name of person or entity recorded in Section E)

Enter address of the person providing certification, if different from address recorded in Section E:

Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

LSP of Record: Jonathan B. Higgins LSP No. 3605
Higgins Environmental Associates, Inc.
19 Elizabeth St.
Amesbury, MA 01913
(978) 834-9000

Other RP/Former Operator:
John C. Tombarrello & Sons, Inc.
12 Agnes Terrace
Methuen, MA 01844
(603) 474-8821
ATTN: George R. Tombarrello



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-103

Release Tracking Number

3-18126

If assigned by DEP

RELEASE NOTIFICATION & NOTIFICATION RETRACTION FORM

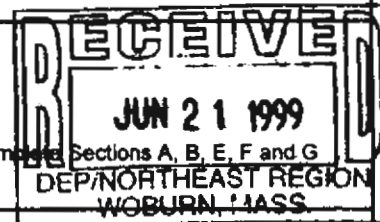
Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart

A. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 207 Marston Street Location Aid: Hofman Avenue
City/Town: Lawrence ZIP Code: 01841

B. THIS FORM IS BEING USED (check one)

- Submit a Release Notification (complete all sections of this form).
 Submit a Retraction of a Previously Reported Notification of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You MUST attach the supporting documentation required by 310 CMR 40.0335.



C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR: 6/25/98 Time: 0800 Specify: AM PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

IF KNOWN, record date and time release or TOR occurred. Time: _____ Specify: AM PM

Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. Time: _____ Specify: AM PM

Check all Notification Thresholds that apply to the Release or Threat of Release: (for more information see 310 CMR 40.0310 - 40.0315)

2 HOUR REPORTING CONDITIONS

- Sudden Release
 Threat of Sudden Release
 Oil Sheen on Surface Water
 Poses Imminent Hazard
 Could Pose Imminent Hazard
 Release Detected in Private Well
 Release to Storm Drain
 Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch
 Underground Storage Tank (UST) Release
 Threat of UST Release
 Release to Groundwater near Water Supply
 Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)
 Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards
 Release of Oil to Groundwater Exceeding Reportable Concentration(s)
 Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch

List below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM) Released:

O or HM Released	O HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)
<u>See Attached list</u>					
	<input type="checkbox"/>				
	<input type="checkbox"/>				
	<input type="checkbox"/>				

D. ADDITIONAL INVOLVED PARTIES:

- Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).
 Check here if attaching Licensed Site Professional (LSP) name and address (optional).

You may write in names and addresses on the bottom of the second page of this form.



RELEASE NOTIFICATION & NOTIFICATION RETRACTION
FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

E. PERSON REQUIRED TO NOTIFY:

Name of Organization: American Recycling, Inc.
Name of Contact: Peter F. Prinz Title: Vice President, COO
Street: P.O. Box 76488
City/Town: Highland Heights State: KY ZIP Code: 41076
Telephone: 606 572 0199 Ext.: _____ FAX: _____
(optional)

F. RELATIONSHIP OF PERSON REQUIRED TO NOTIFY TO RELEASE OR THREAT OF RELEASE: (check one)

RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____
Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

Any Person Otherwise Required to Notify Specify Relationship: former operator John C. Tombarrello & Sons, Inc.

G. CERTIFICATION OF PERSON REQUIRED TO NOTIFY:

I, Peter F. Prinz, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I am person or entity on whose behalf this submittal is made and is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: [Signature] Title: Vice President, COO
(signature)
For: American Recycling, Inc. Date: 4/21/99
(print name of person or entity recorded in Section E)

Enter address of the person providing certification, if different from address recorded in Section E:
Street: _____
City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

LSP of Record: Jonathan B. Higgins LSP No. 3605
Higgins Environmental Associates, Inc.
19 Elizabeth St.
Amesbury, MA 01913
(978) 834-9000

Other RP/Former Operator:
John C. Tombarrello & Sons, Inc.
12 Agnes Terrace
Methuen, MA 01844
(603) 474-8821
ATTN: George R. Tombarrello

RECEIVED

JUN 21 1999 Page 2 of 2

**LIST OF COMPOUNDS
EXCEEDING REPORTABLE CONCENTRATIONS
FOR S-1 CATEGORY SOIL AND GW-1 CATEGORY GROUND WATER**

SOILS (in mg/kg)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCS-1 Concentration</u>
PCBs	59.7	2
Lead	4,170	300
Total Petroleum Hydrocarbons	9,090	200
Benzo(a)anthracene	24.6	0.7
Benzo(a)pyrene	15.3	0.7
Benzo(b)fluoranthene	19.3	0.7
Chrysene	25	7
Indeno(1,2,3-cd)pyrene	4.39	0.7
Naphthalene	5.43	4

GROUND WATER (in mg/l)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCGW-1 Concentration</u>
Benzene	0.0136	0.005
Tetrachloroethene	0.0071	0.005
1,1-Dichloroethane	0.1138	0.07
Arsenic	0.143	0.05
Chromium(total)	0.477	0.1
Lead	1.56	0.015



IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM

Release Tracking
Number

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart

3-18126

A. RELEASE OR THREAT OF RELEASE LOCATION:

Release Name:

(optional) Street: 207 Marston Street

Location Aid: Hoffman Avenue

City/Town: Lawrence

ZIP Code: 01841

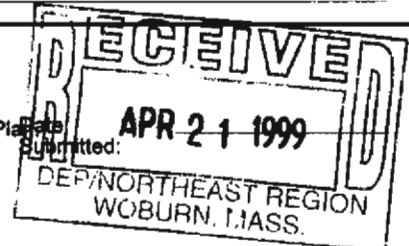
- Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.
- Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.
- Specify Program: CERCLA HSWA Corrective Action Solid Waste Management RCRA State Program (21C Facilities)

Related Release Tracking Numbers That This IRA

Addresses:

B. THIS FORM IS BEING USED TO: (check all that apply)

- Submit an IRA Plan (complete Sections A, B, C, D, E, H, I, J and K).
- Check here if this IRA Plan is an update or modification of a previously approved written IRA Plan.
- Submit an Imminent Hazard Evaluation (complete Sections A, B, C, F, H, I, J and K).
- Submit an IRA Status Report (complete Sections A, B, C, E, H, I, J and K).
- Submit a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard (complete Sections A, B, C, D, E, H, I, J and K).
- Submit an IRA Completion Statement (complete Sections A, B, C, D, E, G, H, I, J and K).



You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT

- Identify Media and Receptors Affected: (check all that apply)
- Air Groundwater Surface Water Sediments Soil
 - Wetland Storm Drain Paved Surface Private Well Public Water Supply Zone 2 Residence
 - School Unknown Other Specify: Interim Well Head Protection Area (IWPA)

- Identify Conditions That Require IRA, Pursuant to 310 CMR 40.0412: (check all that apply)
- 72 Hour Reporting Condition(s)
 - Substantial Release Migration
 - 2 Hour Reporting Condition(s)
 - Other Condition(s)
- Describe: Required by 3/31/99 NOR; Soil Impacts could pose an Imminent Hazard; Release to IWPA

- Identify Oils and Hazardous Materials Released: (check all that apply)
- Others Specify: PCBs (in soils only)
 - Oils
 - Chlorinated Solvents
 - Heavy Metals

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
 - Excavation of Contaminated Soils (Dispose method to be determined)
 - Re-use, Recycling or Treatment
 - On Site Off Site Est. Vol.: 100 cubic yards
 - Describe: _____
 - Store On Site Off Site Est. Vol.: _____ cubic yards
 - Landfill Cover Disposal Est. Vol.: 400 cubic yards
 - Removal of Drums, Tanks or Containers
 - Describe: _____
- Deployment of Absorbent or Containment Materials
 - Temporary Covers or Caps
 - Bioremediation
 - Soil Vapor Extraction
 - Structure Venting System
 - Product or NAPL Recovery
 - Groundwater Treatment Systems
 - Air Sparging
 - Temporary Water Supplies

SECTION D IS CONTINUED ON THE NEXT PAGE.



**IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM**

Release Tracking
Number

3-18126

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

Removal of Other Contaminated Media

Temporary Evacuation or Relocation of Residents

Specify Type and Volume: _____

Fencing and Sign Posting

Other Response Actions Describe _____

Check here if this IRA involves the use of Innovative Technologies (DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse).

Describe Technologies: _____

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: _____

Town and State: _____

Quantity of Remediation Waste Transported to Date: _____

F. IMMEDIATE HAZARD EVALUATION SUMMARY: (check one of the following)

Based upon an evaluation, an Imminent Hazard exists in connection with this Release or Threat of Release.

Based upon an evaluation, an Imminent Hazard does not exist in connection with this Release or Threat of Release.

Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.

Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

G. IRA COMPLETION STATEMENT:

Check here if future response actions addressing this Release or Threat of Release will be conducted as part of the Response Actions planned for a Site that has already been Tier Classified under a different Release Tracking Number, or a Site that is identified on the Transition List as described in 310 CMR 40.0600 (i. e., a Transition Site, which includes Sites with approved Waivers). These additional response actions must occur according to the deadlines applicable to the earlier Release Tracking Number (i. e., Site ID Number).

State Release Tracking Number (i. e., Site ID Number) of Tier Classified Site or Transition Site: _____

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the IRA Completion Statement.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> if Section B of this form indicates that an Immediate Response Action Plan is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an Imminent Hazard Evaluation is being submitted, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation complies(y) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> if Section B of this form indicates that an Immediate Response Status Report is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that an Immediate Response Action Completion Statement or a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

SECTION H IS CONTINUED ON THE NEXT PAGE.



IMMEDIATE RESPONSE ACTION (IRA)
TRANSMITTAL FORM

Release Tracking
Number

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

3-18126

H. LSP Opinion (continued):

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: Jonathan B. Higgins LSP #: 3605 Stamp:
Telephone: 978 834-9000 Ext.: _____
FAX: 978 834-9966
(optional)
Signature: _____
Date: 4/21/99



I. PERSON UNDERTAKING IRA:

Name of Organization: American Recycling, Inc.
Name of Contact: Peter F. Prinz Title: Vice President, COO
Street: P.O. Box 76488
City/Town: Highland Heights State: KY ZIP Code: 41076
Telephone: 606 572 0199 Ext.: _____ FAX: _____
(optional)

Check here if there has been a change in the person undertaking the IRA.

J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one)

RP or PRP Specify Owner Operator Generator Transporter Other RP or PRP: _____
 Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
 Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

Any Other Person Undertaking IRA Specify Relationship: Former Operator John C. Tombarello & Sons, Inc.

K. CERTIFICATION OF PERSON UNDERTAKING IRA:

I, Peter F. Prinz, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: _____ Title: Vice President, COO
(signature)
For: American Recycling, Inc. Date: 4/21/99
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:
Street: _____

City/Town: _____ State: _____ ZIP Code: _____
Telephone: _____ Ext.: _____ FAX: _____
(optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

MODIFIED IMMEDIATE RESPONSE ACTION PLAN

RTN 3-18126

**JOHN C. TOMBARELLO & SONS, INC
207 MARSTON STREET
LAWRENCE, MA 01841**

This June 1, 1999 Immediate Response Action (IRA) Plan modifies the previously submitted April 21, 1999 IRA Plan for RTN 3-18126 by including: (1) additional assessment activities for assessing whether an Imminent Hazard condition actually exists relative to surficial soil; and, (2) by including recommended actions to abate a potential Imminent Hazard condition.

Based on IRA activities to date and in accordance with 310 CMR 40.0426(3)(b), it is the opinion of Higgins Environmental Associates, Inc.'s (HEA's) Licensed Site Professional that a determination of whether an actual Imminent Hazard condition exists relative to surficial soil can not yet be made. This modified IRA Plan describes remaining investigatory efforts to determine whether an Imminent Hazard condition actually exists, and also proposes to abate the potential Imminent Hazard condition through completion of fencing around the perimeter of the subject property.

In summary, the previous April 21, 1999 IRA Plan presented the following information:

1. Concentrations of oil and hazardous materials (OHMs) exceeding Massachusetts Contingency Plan (MCP) Reportable Conditions have been documented in two environmental assessment reports prepared for the above-referenced property (the "Site"). These documents were dated July 20, 1998 - Response Action Outcome Statement for RTN 3-16817, and August 1998 - Environmental Site Assessment. RTN 3-16817 pertained to a release of heat transfer oil on the Site. Both of these documents are currently on file with the Massachusetts Department of Environmental Protection's (MA DEP's) Northeast Regional Office in Wilmington, Massachusetts.
2. On March 31, 1999 the MA DEP issued a Notice of Responsibility & Interim Deadline(s) letter to the former Site operator, care of Tombarello Recycling, Inc., and the current Site owner, American Recycling, Inc.

The April 21, 1999 IRA Plan was prepared at the request of the MA DEP and to assess Reportable Conditions noted in the two previously referenced documents. In MA DEP's March 31, 1999 letter, they specifically requested that the IRA Plan include an Imminent Hazard Evaluation in accordance with 310 CMR 40.0426. The April 21, 1999 IRA Plan was prepared to address requirements made by MA DEP and to assess property conditions relative to previously identified Reportable Conditions.

A modified IRA Transmittal Form is attached to this document.

This modified IRA Plan supplements information presented in the April 21, 1999 IRA Plan. As such, HEA has not repeated information contained in the previous April 21, 1999 IRA Plan.

I. PERSON ASSUMING RESPONSIBILITY FOR THIS IMMEDIATE RESPONSE ACTION (Dual Party)

No Change from April 21, 1999 IRA Plan

I.A. Licensed Site Professional of Record

No Change from April 21, 1999 IRA Plan

II. RELEASE DESCRIPTION, SITE DESCRIPTION, AND SURROUNDING RECEPTORS

II.A. Release Description

No Change from April 21, 1999 IRA Plan

II.B. Property Description

No Change from April 21, 1999 IRA Plan

II.C. Surrounding Receptors

No Change from April 21, 1999 IRA Plan

III. SOIL AND GROUND WATER CLASSIFICATIONS

III.A. Reportable Condition Categories

No Change from April 21, 1999 IRA Plan

III.B. Applicable Ground Water Categories for Method 1 Risk Characterization

No Change from April 21, 1999 IRA Plan

III.C. Applicable Soil Categories for Method 1 Risk Characterization

No Change from April 21, 1999 IRA Plan

IV. NEED FOR THIS IMMEDIATE RESPONSE ACTION

No Change from April 21, 1999 IRA Plan other than as follows

HEA has recommended, and our Client will shortly implement, placement of a fence along the top of the earthen berm and connecting with existing fencing on the Site. The fence will consist of a five-line, barbed wire fence. The top line of the fence will be approximately five feet high. Construction of the fence will include a highly visible line of tape to visually demarcate the fencing. Construction of the

fence is scheduled to commence on June 2, 1999 and should take approximately one to two weeks to complete. Fencing is being put up to control access to the Site by children and as such, to abate a potential Imminent Hazard condition posed by surficial soil from one of HEA's April 28, 1999 soil sampling locations. Refer to Section VII for a further discussion of HEA's soil results and our current Imminent Hazard evaluation relative to the condition of exposed surficial soil on the Site.

V. OBJECTIVES OF THIS IMMEDIATE RESPONSE ACTION

No Change from April 21, 1999 IRA Plan other than as noted below

The April 21, 1999 IRA Plan objective has been modified to include abatement and clarification of a potential Imminent Hazard condition identified on the Site relative to exposed surficial soil.

VI. SPECIFIC PLANS FOR THIS IMMEDIATE RESPONSE ACTION

No Change from April 21, 1999 IRA Plan other than as noted below

1. Removal of Stockpiled Soil:

The approximately 100 cubic yards of stockpiled soil has been removed from the Site. Soil was transported from the Site to the Barre Landfill in Barre, Massachusetts following MCP Bill of Lading Procedures. HEA conducted additional laboratory analysis of stockpiled soil, prior to off Site disposal for PCBs by U.S. EPA Method 8082 and for VOCs by U.S. EPA Method 8260 and 5035. Soil for VOC analysis was collected as a grab sample from stockpiled soil following U.S. EPA Method 5035 sample handling and preservation methods. PID headspace screening of soil from stockpiled soil did not indicated the presence of elevated VOCs.

HEA is currently awaiting the receipt of weight slips and completed MCP Bill of Lading documentation for these soils.

2. Collection and Laboratory Analysis of Surficial Soil (top six inches):

Completed - No Change from April 21, 1999 IRA Plan other than as noted below

This task has been completed. HEA did not include laboratory analysis for polynuclear aromatic hydrocarbons by U.S. EPA Method 8270C as these parameters were evaluated as part of extractable petroleum hydrocarbon (EPH) analysis of soil.

3. Ground Water Sampling of Existing Monitoring Wells

No Change from April 21, 1999 IRA Plan other than as noted below

On May 23, 1999 a Site inspection was completed to locate existing monitoring wells and to develop wells if silt accumulation in the well was noted. Only one (MW-1) of the existing four wells could be located. HEA has recommended to our Client that completion of additional monitoring wells is needed

to replace lost monitoring wells and to provide additional information regarding ground water quality on the Site. HEA will oversee the advancement of additional monitoring wells on June 1, 1999.

VII. STATUS OF IRA SINCE APRIL 21, 1999

On April 26, 1999, Higgins Environmental Associates, Inc. (HEA) was present on the Site to collect discrete surficial soil samples from areas of exposed surficial soil on the Site. HEA completed the collection of discrete surficial soils on a grid pattern (fifty foot spacing) with focused collection of surficial soil samples around areas of previously detected near surficial soil impacts (at previous soil sampling locations and at ten foot distances to the north, south, east and west of previous sampling locations). A total of forty five discrete grid samples of soil were collected from zero to six inches below grade. HEA placed each soil sample within dedicated polyethylene sealable baggies for subsequent headspace screening for total volatile organic compounds (VOCs) and visual classification of soil. Headspace screening of soil was conducted utilizing an 11.7 electron volt photoionization detector (PID). PID headspace screening results were all less than 0.5 parts per million.

Based on visual classification of soil and previous sampling locations by others (where potential Imminent Hazard conditions might be present), HEA revisited the Site on April 28, 1999 to collect a total of nineteen discrete soil samples for laboratory analysis. Laboratory analytical parameters included the following:

1. Polychlorinated biphenyls (PCBs) by U.S. EPA Method 8082;
2. EPHs by MA DEP-specified methods;
3. Lead and cadmium by U.S. EPA Method 6010;
4. Volatile organic compounds by U.S. EPA 8021B (Halogenated) and U.S. EPA Method 5035; and,
5. Volatile petroleum hydrocarbons by MA DEP-specified methods.

In all instances, soil samples were analyzed for PCBs, lead and cadmium. Laboratory parameter selection at the remainder of soil sampling locations varied at HEA's discretion and by HEA's reference to previous laboratory results from the Site.

Based upon our review of surficial soil sampling laboratory data, a potential Imminent Hazard condition in accordance with 310 CMR 40.0321(2)(b) currently exists on the Site due to the presence of PCBs (as Aroclor 1260) in the top six inches of soil at 57 milligrams per kilogram. This potential Imminent Hazard condition was detected in one of nineteen surficial soil samples collected from exposed surficial soil at the Site.

In accordance with the MCP's Response Action Performance Standard (RAPS) 310 CMR 40.0191(1), it is HEA's LSP opinion that additional soil quality information is needed proximate to the one soil location where a potential Imminent Hazard condition is present prior to assessing whether an actual Imminent Hazard exists relative to evaluation criteria contained in 310 CMR 40.0950. The remaining eighteen surficial soil sample locations did not indicate the presence of a potential Imminent Hazard condition and as such, it is HEA's current opinion that exposed surficial soil conditions on the Site as a whole do not represent an actual Imminent Hazard condition.

To abate a potential Imminent Hazard condition, our Client plans on installing five-line barbed wire fencing around a currently unfenced portion of the Site. Fencing is scheduled to begin on June 2, 1999 and should be completed within one to two weeks.

Additional proposed IRA Activity

As discussed previously, our Client has scheduled the installation of a five-line barbed wire fence around a currently unfenced portion of the Site. This work should begin on June 2, 1999 and be completed within two weeks. Once complete, access to the Site by children and adults will be controlled by perimeter fencing.

HEA proposes to collect additional soil samples at, and proximate to, the one area of surficial soil which exhibited potential Imminent Hazard concentrations for PCBs, pursuant to 310 CMR 40.0321(2)(b). It is HEA's intent to further clarify the nature and extent of this potential Imminent Hazard condition relative to PCBs in surficial soil. At this time, we anticipate the collection and laboratory analysis of an additional five soil samples for PCBs by U.S. EPA Method 8082. One sample will be collected at the same location as the April 28, 1999 location. An additional four samples will be collected at a distance of ten feet to the north, south, east and west of the April 28, 1999 soil sample location. All samples will be collected from zero to six inches below grade and submitted for laboratory analysis of PCBs by U.S. EPA Method 8082.

VIII. PROPOSED SCHEDULE

No Change from April 21, 1999 IRA Plan other than noted below

Our schedule for ground water sampling as proposed in the April 21, 1999 IRA Plan has been extended due to three of the four existing monitoring wells being lost. HEA anticipates advancement of additional monitoring wells on June 1, 1999 with ground water sampling occurring approximately one week later.

Our Client will be further controlling access to the Site by children by construction of a five-line, barbed wire fence on top of the existing earthen berm on the property. Construction of the fence should begin on June 2, 1999 and be completed within two weeks.

IX. MANAGEMENT OF REMEDIATION WASTE

No Change from April 21, 1999 IRA Plan other than noted below

Previously stockpiled soils have been transported to the Barre Landfill in Barre, Massachusetts following MCP Bill of Lading procedures. HEA has not yet received completed bill of lading documentation from the disposal facility. Once received they will be provided to MA DEP.

X. ENVIRONMENTAL MONITORING PLAN

No Change from April 21, 1999 IRA Plan

XI. PERMITS REQUIRED

No Change from April 21, 1999 IRA Plan

XII. PUBLIC INFORMATION REQUIREMENTS

No Change from April 21, 1999 IRA Plan

ATTACHMENTS

**COMPOUNDS EXCEEDING REPORTABLE CONCENTRATIONS,
FIGURES AND TRANSMITTAL FORMS**

Modified based on Recent Surficial Soil Sample Laboratory Results
LIST OF COMPOUNDS
EXCEEDING REPORTABLE CONCENTRATIONS
FOR S-1 CATEGORY SOIL AND GW-1 CATEGORY GROUND WATER

SOILS (in mg/kg)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCS-1 Concentration</u>
PCBs	59.7	2
Lead	4,170	300
Total Petroleum Hydrocarbons	9,090	200
Benzo(a)anthracene	24.6	0.7
Benzo(a)pyrene	15.3	0.7
Benzo(b)fluoranthene	19.3	0.7
Chrysene	25	7
Indeno(1,2,3-cd)pyrene	4.39	0.7
Naphthalene	5.43	4
<i>Methyl Tertiary Butylether</i>	<i>0.48</i>	<i>0.3</i>
<i>Tetrachloroethane</i>	<i>0.22</i>	<i>0.02</i>
<i>C9-C18 Aliphatics</i>	<i>2,400</i>	<i>1,000</i>
<i>C19-C36 Aliphatics</i>	<i>23,800</i>	<i>2,500</i>
<i>C11-C22 Aromatics</i>	<i>620</i>	<i>200</i>

- Note:*
- 1. Recent testing of surficial soil for cadmium did not indicate the presence of an RCS-1 exceedence. Maximum cadmium noted in recent surficial soil sampling was 8.21 mg/kg.*
 - 2. Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, and Indeno(1,2,3-cd)pyrene were noted above RCS-1 concentrations in surficial soils collected by HEA but due to the presence of coal, coal ash and coal clinkers in surficial soil their presence is exempt from reporting in accordance with 310 CMR 40.0317(9).*

GROUND WATER (in mg/l)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCGW-1 Concentration</u>
Benzene	0.0136	0.005
Tetrachloroethene	0.0071	0.005
1,1-Dichloroethane	0.1138	0.07
Arsenic	0.143	0.05
Chromium(total)	0.477	0.1
Lead	1.56	0.015

HEA *Higgins Environmental Associates, Inc.*

19 Elizabeth Street
Amesbury, Massachusetts 01913

Via Hand Delivery
(April 21, 1999)

April 21, 1999

Mr. Allen Wyman
Massachusetts Department of Environmental Protection
Northeast Regional Office
205A Lowell Street
Wilmington, MA 01887

Re: **207 Marston Street, Lawrence, MA**
RTN 3-18126
HEA Project Number 03014-99

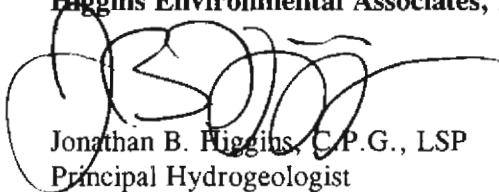
Dear Mr. Wyman:

On behalf of American Recycling, Inc. and John C. Tombarello & Sons, Inc., Higgins Environmental Associates, Inc. (HEA) is providing the attached Immediate Response Action (IRA) Plan and Release Notification & Notification Retraction Form (RNF) pursuant to the Massachusetts Contingency Plan's notification requirements and in accordance with a March 31, 1999 Notice of Responsibility & Interim Deadlines letter from your office.

If you have any questions regarding this letter or relative to our efforts with RTN 3-18126, please give us a call.

Sincerely,

Higgins Environmental Associates, Inc.


Jonathan B. Higgins, C.P.G., LSP
Principal Hydrogeologist

6661 12 8-17

cc: Mr. Michael Price, American Recycling, Inc.
Mr. George Tombarello, John C. Tombarello & Sons, Inc.
Mr. J. Claiborne Thornton, W. Z. Baumgartner & Associates, Inc.

Printed on April 21, 1999 at 11:52 AM
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IMMEDIATE RESPONSE ACTION PLAN

RTN 3-18126

**JOHN C. TOMBARELLO & SONS, INC
207 MARSTON STREET
LAWRENCE, MA 01841**

Concentrations of oil and hazardous materials (OHMs) exceeding Massachusetts Contingency Plan (MCP) Reportable Conditions have been documented in two environmental assessment reports prepared for the above-referenced property (the "Site"). These documents were dated July 20, 1998 - Response Action Outcome Statement for RTN 3-16817, and August 1998 - Environmental Site Assessment. Both of these documents are currently on file with the Massachusetts Department of Environmental Protection's (MA DEP's) Northeast Regional Office in Wilmington, Massachusetts. On March 31, 1999 the MA DEP issued a Notice of Responsibility & Interim Deadline(s) letter to the former Site operator, care of Tombarello Recycling, Inc., and the current Site owner, American Recycling, Inc.

This Immediate Response Action (IRA) Plan has been prepared at the request of the MA DEP and to assess Reportable Conditions noted in the two previously referenced documents. In MA DEP's March 31, 1999 letter, they specifically requested that the IRA Plan include an Imminent Hazard Evaluation in accordance with 310 CMR 40.0426. This IRA Plan has been prepared to address requirements made by MA DEP and to assess property conditions relative to previously identified Reportable Conditions.

A completed IRA Transmittal Form and Release Notification & Notification Retraction Form (RNF) are attached to this document.

I. PERSON ASSUMING RESPONSIBILITY FOR THIS IMMEDIATE RESPONSE ACTION (Dual Party)

Name:	Mr. Michael Price	Mr. George R. Tombarello
Address:	American Recycling, Inc. P.O. Box 76488 Highland Heights, KY 41076	John C. Tombarello & Sons, Inc. 12 Agnes Terrace Methuen, MA 01844
Telephone:	(606) 572-0199	(603) 474-8821
Relationship:	Current owner of record	Former operator

I.A. Licensed Site Professional of Record

Name:	Mr. Jonathan B. Higgins, LSP No. 3605
Address:	Higgins Environmental Associates, Inc. 19 Elizabeth Street Amesbury, Massachusetts 01913
Telephone:	(978) 834-9000
Relationship:	Consultant to American Recycling, Inc. and John C. Tombarello & Sons, Inc.

II. RELEASE DESCRIPTION, SITE DESCRIPTION, AND SURROUNDING RECEPTORS

II.A. Release Description

As part of IRA activities (RTN 3-16817) for a sudden release of approximately 30 gallons of heat transfer oil, OHMs not attributed to heat transfer oil were detected in surficial soil and stockpiled soil on the Site. Stockpiled soils were generated and disposed of during response actions for RTN 3-16817. A subsequent and unrelated Environmental Assessment of the Site also discovered OHMs in soil and ground water at the Site. A Response Action Outcome (RAO) report and statement for RTN 3-16817 (heat transfer oil release) was filed with MA DEP on July 20, 1998. OHMs remaining on the Site in soil and ground water and exceeding Reportable Conditions for S-1 category soil and GW-1 category ground water are summarized on **Attachment A** of this IRA Plan.

No soil samples have currently been collected solely within the top six (6) inches of exposed surficial soil at the Site. As such, whether Site conditions and observed OHMs could represent an actual Imminent Hazard is currently unknown. The Site is secured by fencing, a locking gate, security cameras and an approximately twenty foot high earthen berm. Portions of the Site are paved, occupied by buildings, or are unpaved.

On April 1, 1999, Higgins Environmental Associates, Inc. (HEA) met with representatives of American Recycling, Inc. and John C. Tombarello & Sons, Inc. at the Site. At that time, HEA explained the function of a Licensed Site Professional and conducted a visual reconnaissance of the Site. On April 1, 1999, HEA also conducted a review of MA DEP's files for RTNs 3-18126 and 3-16817.

II.B. Property Description

The Site is located at 207 Marston Street in Lawrence, Massachusetts and consists of approximately 15 acres of land zoned for residential (northern portion of Site) and limited industrial use (remainder of Site). **Figure 1 - Site Location** depicts the approximate location of the Site in Lawrence, Massachusetts. **Figure 2 - Facility Map** depicts the approximate Site boundaries, physical Site features, and sampling points from the August 1998 Environmental Assessment of the Site.

The Site is bounded to the north by residentially-developed properties, to the east by Route 495, to the south by a Sons of Italy Lodge and their soccer field, to the southwest by a portion of the Site leased by Essex Waste Paper Company, Inc., and to the north by Marston Street and across Marston Street by land zoned open space/recreation. The Merrimack River is located within a few hundred feet to the east of Route 495 from the Site.

The Site is serviced by underground natural gas, municipal water and sewer, and above-grade electric and telephone service. The Site also utilized several 275-gallon above ground fuel oil storage tanks for heating purposes. An approximately four acre section of the southwestern portion of the Site is currently leased to Essex Waste Paper Company, Inc.

II.C. Surrounding Receptors

Potential human receptors on the Site are currently limited to adults, and possibly infrequent visits by children to the house and main office building, on the northern portion of the Site. No children currently reside on the Site. Potential human receptors surrounding the Site would include children and adults, as land abutting the Site is used for residential purposes. Access to the Site from residential properties to the north is restricted by fencing, an earthen berm, security cameras and a motion detector.

Use of the Site by adults is considered passive, as adult employees typically work solely within buildings or operate heavy machinery used for processing metal. Children are not provided access to the Site, and are restricted from active portions of the Site by fencing, the earthen berm, security cameras, a motion detector, and company policy. Approximately 22 adult employees currently work at the Site.

The eastern half of the Site is located within an Interim Wellhead Protection Area (IWPA) for a municipal well in North Andover. This municipal well is located on the opposite side of the Merrimack River from the Site. HEA will compile additional information regarding potential human and environmental receptors as part of this IRA.

III. SOIL AND GROUND WATER CLASSIFICATIONS

III.A. Reportable Condition Categories

The applicable soil and ground water Reportable Condition categories for the subject property were assessed based upon the requirements of the MCP. The observed areas of soil impact are located within an IWPA based on information available at the MA DEP's Northeast Regional Office, and therefore, is categorized as an RCGW-1 area. Due to the presence of residences within 500 feet of the area of observed soil impacts, soil can be categorized as an RCS-1.

III.B. Applicable Ground Water Categories for Method 1 Risk Characterization

As the Site is located within an IWPA, ground water is located less than 15 feet below grade and within 30 feet of an occupied building, and ground water will eventually discharge to a surface water body, ground water at the Site can be classified as categories GW-1, GW-2, and GW-3 for risk characterization purposes.

HEA currently has not assessed the presence/absence of private drinking water wells proximate to the Site. This will be completed as part of IRA activities.

III.C. Applicable Soil Categories for Method 1 Risk Characterization

Based on an assessment of the frequency of use, intensity of use, and accessibility to OHM-impacted soil at the Site by children and adults, Site soils meet the risk-based criteria for S-2 category soils. OHM-impacted soil is located within two feet of grade of an unpaved portion of the Site, as such, the MCP would categorize the impacted soil as accessible. For adults, HEA has assumed a high frequency of use (site employees and the currently adult-only residents in the on-Site house), and a low intensity of use (primarily walking or driving over the areas of observed OHM impact). No children currently reside on the Site. For children, frequency of use is considered low (as infrequent visitors or trespassers), and intensity of use is considered low (limited to potentially walking through the area).

IV. NEED FOR THIS IMMEDIATE RESPONSE ACTION

This IRA is necessary to address a potential Imminent Hazard and has been required by the MA DEP in their March 31, 1999 Notice of Responsibility letter to American Recycling, Inc. and Tombarello Recycling, Inc. (contact for John C. Tombarello & Sons, Inc.).

V. OBJECTIVES OF THIS IMMEDIATE RESPONSE ACTION

The objectives of this IRA Plan are to assess potential risks posed by this observed OHM-impacts to soil and ground water, including whether an Imminent Hazard exists relative to surficial soil impacts.

VI. SPECIFIC PLANS FOR THIS IMMEDIATE RESPONSE ACTION

This IRA Plan currently consists of the removal of existing stockpiled soil and assessment-only activities. Proposed IRA activities consist of the following:

1. Removal of Stockpiled Soil:

Approximately 100 cubic yards of soil were generated during additional soil removal activities in October 1998 in the area of a former release of heat transfer oil (RTN 3-16817). These soils are currently stockpiled within steel containers which in turn are covered by steel plates. These soils will be removed from the Site following either MCP Bill of Lading Procedures or Hazardous Waste Manifest procedures, as appropriate.

2. Collection and Laboratory Analysis of Surficial Soil (top six inches):

To assist with an Imminent Hazard Evaluation pursuant to 310 CMR 40.0426, this IRA proposes to collect soil samples from the top six inches of exposed surficial soil on the Site. Due to the lack of a defined source area(s) for observed soil impacts, sampling will be conducted on a grid pattern beginning in previously detected areas of near surface soil impacts and extending outwards through unpaved portions of the Site. Grid spacing will initially be tight proximate to known areas of soil impacts, HEA proposes ten foot grid spacing, followed by grid spacing of a minimum of fifty feet throughout the remainder of the Site. Surficial soil samples may in part be screened for the indicator parameters: lead; polychlorinated biphenyls (PCBs); petroleum hydrocarbons; and, volatile organic

compounds (VOCs). If screening techniques are utilized, approximately ten to twenty percent of all screened samples will be submitted for confirmatory laboratory analysis.

Based upon information generated by others regarding OHM impacts to soils, HEA proposes laboratory analysis of soil for the following parameters:

- PCBs by U.S. EPA Method 8082;
- Polynuclear aromatic hydrocarbons by U.S. EPA Method 8270C;
- Cadmium and lead by U.S. EPA Method 6010A;
- VOCs by U.S. EPA Methods 5035 and 8021B (halogenated); and
- Volatile and extractable petroleum hydrocarbons (VPHs/EPHs) by MA DEP-specified methods.

The exact number of soil sampling points will be limited by physical Site features such as areas of pavement, buildings, and stockpile areas of metal. At this time, HEA anticipates that approximately forty eight samples will be collected for screening and in part laboratory analysis. Selection of laboratory parameters at each location will vary depending upon proximity and type of known surficial soil impacts. Headspace screening of soil with an 11.7 electron volt photoionization detector (PID) and visual classification of soil will also be utilized to refine the selection of laboratory parameters at each location. To facilitate our understanding of Site conditions, several (assume total of five) soil samples at distance from areas of known soil impacts will be analyzed for the full set of laboratory parameters specified above.

Depending upon laboratory results and potential limitations on sample collection, additional soil samples may be collected and submitted for laboratory analysis to assist in characterizing Site conditions.

3. Ground Water Sampling of Existing Monitoring Wells

Based on previous laboratory results of ground water sampling, as documented in the August 1998 Environmental Assessment report, four ground water monitoring wells (MW-1, MW-2, MW-3, and MW-4) will be resampled. Prior to sampling the depth to water within each well will be measured. Wells will be sampled following modified low-flow sampling techniques and after a minimum of three well volumes of water have been purged, or until the well goes dry. Samples from each of the four wells will be submitted for laboratory analysis of the following:

- VOCs by U.S. EPA Method 8260B;
- The metals: arsenic; chromium(total); and lead by U.S. EPA Method 6010A; and,
- One sample from MW-1 and MW-4 for VPHs (carbon fraction only) and EPHs by MA DEP-specified methods.

VII. PROPOSED SCHEDULE

It is anticipated that proposed IRA field activities will be completed prior to the end of May 1999. An Imminent Hazard Evaluation will be completed within two weeks following receipt of laboratory results of surficial soils. Documentation of findings from proposed IRA activities will occur prior to the end of June 1999.

VIII. MANAGEMENT OF REMEDIATION WASTE

Approximately 100 cubic yards of OHM-impacted soil are currently stockpiled on the Site. These soils will be transported off-Site for disposal following MCP Bill of Lading or Hazardous Waste Manifest procedures. A receiving facility has not, as of this IRA Plan, been selected to accept this soil.

Purge water generated during ground water sampling will be placed into DOT-approved 55-gallon drums and disposed of at a licensed treatment facility under manifest procedures.

All final Bill of Lading documentation or manifests for transportation and recycling of stockpiled soil and ground water will be provided to the MA DEP.

IX. ENVIRONMENTAL MONITORING PLAN

IRA assessment activities will utilize an 11.7 electron volt PID for soil screening and health and safety purposes. No other environmental monitoring activities are anticipated at this time.

X. PERMITS REQUIRED

No permits are anticipated for this IRA Plan. Bill of Lading documentation will be generated in accordance with 40.0034 for the Management of Remediation Waste (removal of impacted soil).

XI. PUBLIC INFORMATION REQUIREMENTS

Notification of an IRA Completion Statement or a Response Action Outcome Statement, as applicable, will be made in the form of a letter to the Lawrence Chief Municipal Officer and the Board of Health in accordance with the MCP.

ATTACHMENTS

**COMPOUNDS EXCEEDING REPORTABLE CONCENTRATIONS,
FIGURES AND TRANSMITTAL FORMS**

**LIST OF COMPOUNDS
EXCEEDING REPORTABLE CONCENTRATIONS
FOR S-1 CATEGORY SOIL AND GW-1 CATEGORY GROUND WATER**

SOILS (in mg/kg)

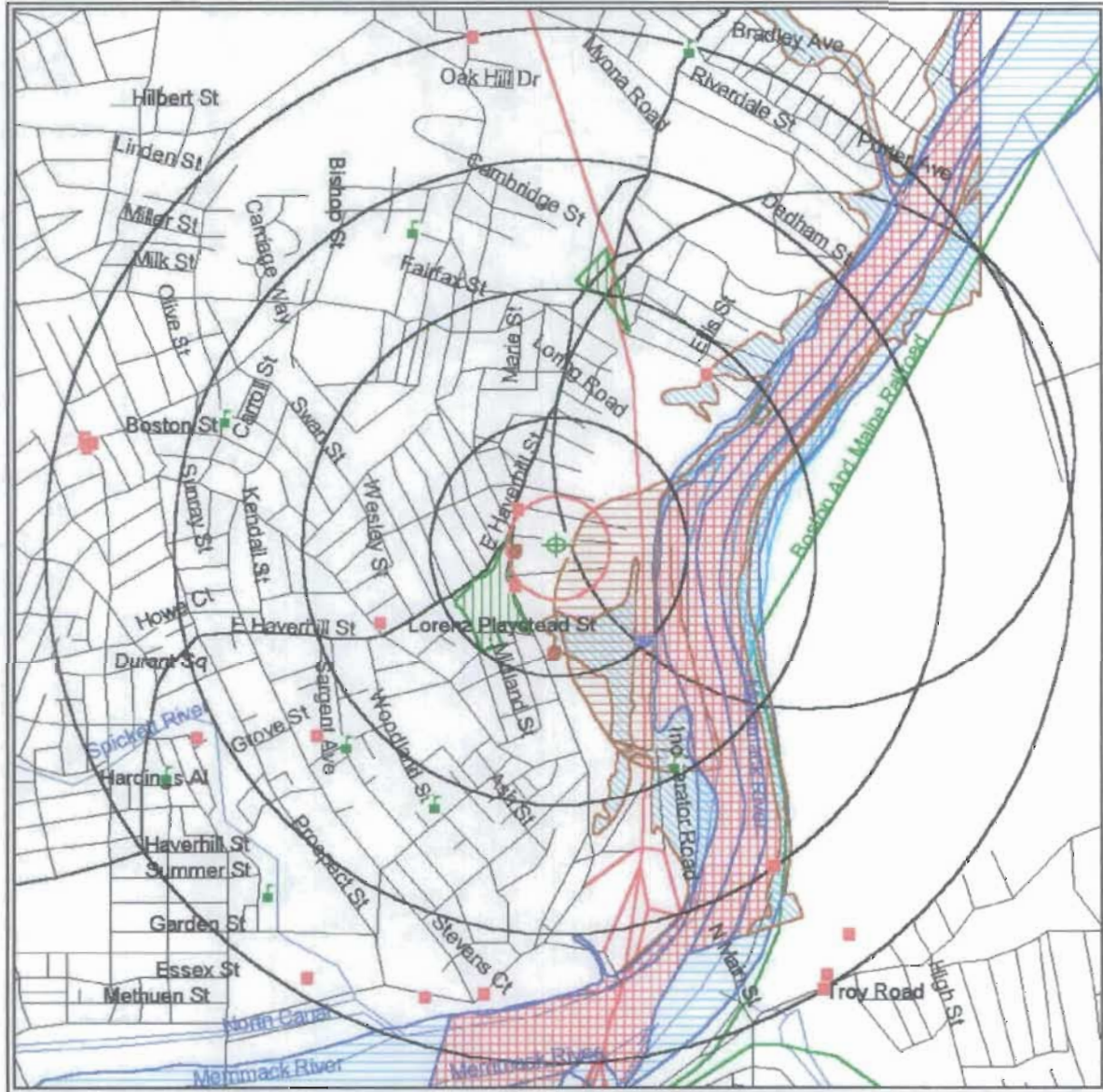
<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCS-1 Concentration</u>
PCBs	59.7	2
Lead	4,170	300
Total Petroleum Hydrocarbons	9,090	200
Benzo(a)anthracene	24.6	0.7
Benzo(a)pyrene	15.3	0.7
Benzo(b)fluoranthene	19.3	0.7
Chrysene	25	7
Indeno(1,2,3-cd)pyrene	4.39	0.7
Naphthalene	5.43	4

GROUND WATER (in mg/l)

<u>Compound/Analyte</u>	<u>Maximum Concentration</u>	<u>RCGW-1 Concentration</u>
Benzene	0.0136	0.005
Tetrachloroethene	0.0071	0.005
1,1-Dichloroethane	0.1138	0.07
Arsenic	0.143	0.05
Chromium(total)	0.477	0.1
Lead	1.56	0.015

Environmental FirstSearch
 1 Mile Radius
 All FEDERAL All STATE All LOCAL Sites

207 MARSTON ST, LAWRENCE MA 01843

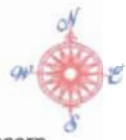


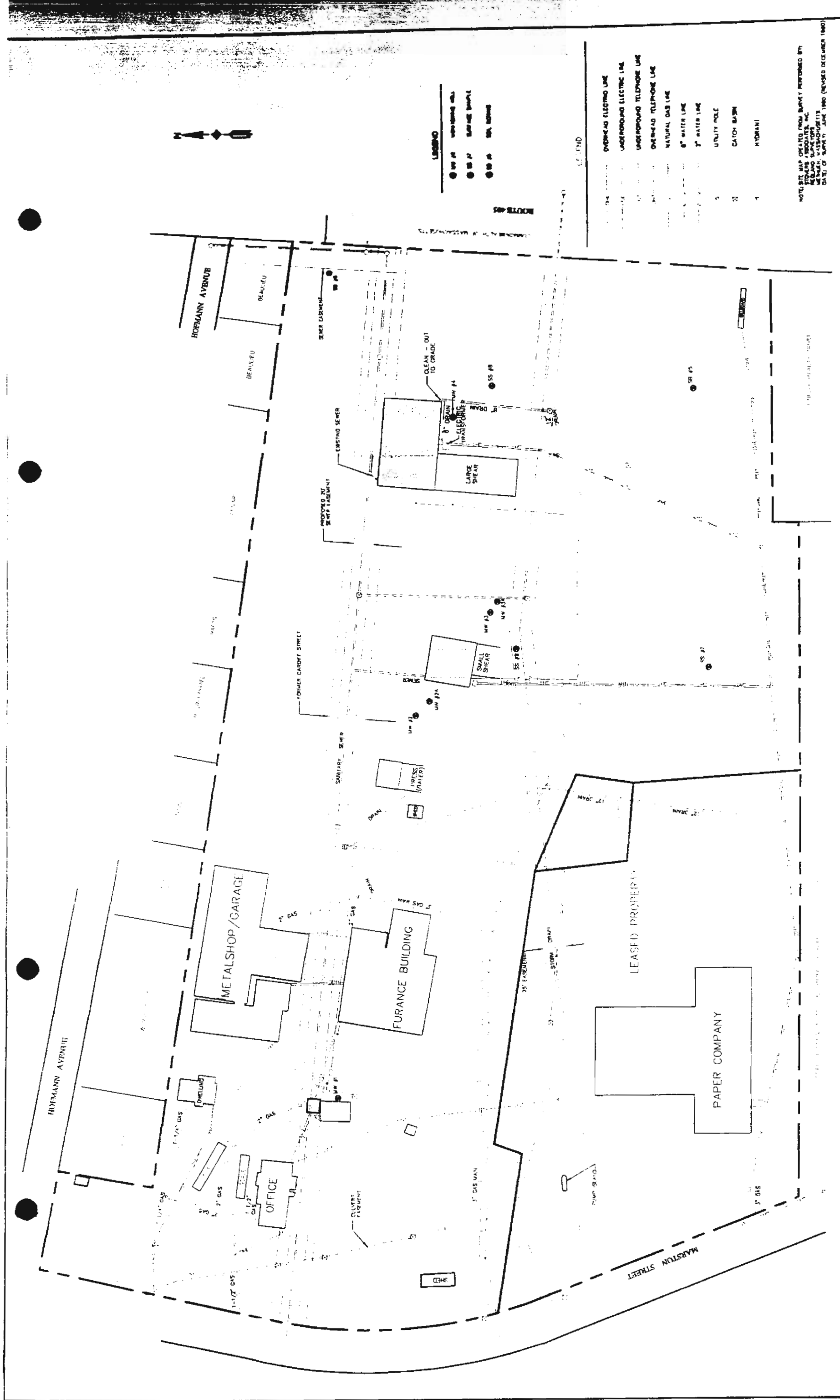
Source: 1994 U.S. Census TIGER Files

- Target Site
- Identified Site
- Multiple Sites
- Receptor
- NPL, SWL or Haz. Waste
- Target ZIP Boundary
- Adjacent ZIP Boundary
- Railroad
- Black Rings Represent 1/4 Mile Radii
- Red Ring Represents 500 ft. Radius

- Water Bodies
- Public Water Supply
- Dep Zone II Boundaries
- High Yield Aquifers:
 - Potentially Productive
 - Not Potential Drinking Source
- Medium Yield Aquifers:
 - Potentially Productive
 - Not Potential Drinking Source

- Other Aquifers:
 - EPA Sole Source
- ACEC's:
 - Area of Critical Environmental Concern
 - Protected Open Spaces
 - Estimated Habitats of Rare Wetlands Wildlife
 - Vernal Pool
- Floodplains:
 - 100 Year
 - 500 Year
- Other:
 - Wetlands





- LEGEND**
- MW #1 WATER MAIN
 - MW #2 WATER MAIN
 - MW #3 WATER MAIN
 - MW #4 WATER MAIN
 - MW #5 WATER MAIN
 - SS #1 SANITARY SEWER
 - SS #2 SANITARY SEWER
 - SS #3 SANITARY SEWER
 - SS #4 SANITARY SEWER
 - SS #5 SANITARY SEWER

- LEGEND**
- OVERHEAD ELECTRIC LINE
 - UNDERGROUND ELECTRIC LINE
 - UNDERGROUND TELEPHONE LINE
 - OVERHEAD TELEPHONE LINE
 - NATURAL GAS LINE
 - 8" WATER LINE
 - 12" WATER LINE
 - UTILITY POLE
 - CATCH BASIN
 - HYDRANT

NOTE: THIS MAP ORIGINALLY DRAWN BY: STANLEY ASSOCIATES, INC. 100 WASHINGTON STREET, LAWRENCE, MASSACHUSETTS. DATE OF SURVEY: JUNE 1980 (REVISED DECEMBER 1980)

DRAWN BY: RLW/CLE CHECKED BY: JC ENGINEER: WZB DATE: 8/10/88	SCALE: 1" = 50'	PROJECT NO.: 88091	SHEET NO.: 2
SEAL		AMERICAN RECYCLING LAWRENCE, MASSACHUSETTS	
W.Z. BAUMGARTNER & ASSOCIATES, INC. CONSULTING ENGINEERS 570 W. 50th PINE CIRCLE, SUITE 208 BRENTWOOD, N.H. 03825-3787 603-737-1872			
BAR IS ONE INCH ON ORIGINAL DRAWING 1" = 50' IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY			
NO.	REVISIONS	DATE	ENGR.

Lawrence
207 Marston St.
3-18126

American Recycling of Massachusetts, Inc
Dba John C. Tombarello and Sons
207 Marston Street
Lawrence, MA 01841

NOTICE OF RESPONSIBILITY & INTERIM DEADLINE(S)
REQUEST FOR INFORMATION
RTN 3-18126

Subject facility: John C. Tombarello & Sons, Inc.
207 Marston Street
Lawrence, MA

Current Ownership: American Recycling, Inc.
P.O. Box 76161
Highland Heights, KY 41076
Michael Price, President

The following information fulfills the requirement pursuant to M.G.L. 21E Sections 2, 4, and 8; 310 CMR 40.0165; and 310 CMR 40.1120 (1) as described in the "Necessary Response Action" section of the Notice of Responsibility & Interim Deadline(s) letter received by the owner of the subject site under RTN 3-18126.

The information had been certified as specified in 310 CMR 40.0009.

Ownership and/or Operation of Other Facilities

1. Does American Recycling, Inc., or any subsidiary or division of, currently own or operate any type of recycling, demolition, or disposal facilities within the state of Massachusetts other than John C. Tombarello & Sons, Inc.?

American Recycling, Inc., or any subsidiary of, does not currently own or operate any type of recycling, demolition, or disposal facilities within the state of Massachusetts other than John C. Tombarello & Sons, Inc.

a. Name, address, and operations manager of the facility

NA

b. Description of historical and current operations at the facility

NA

c. Has a release of oil or hazardous materials occurred at the facility?

NA

- d. The Massachusetts Department of Environmental Protection Release Tracking Number (RTN) for the facility registered with the Department's Bureau of Waste Site Cleanup

NA

ENVIRONMENTAL ACTIVITIES at OTHER FACILITIES

2. Has American Recycling, Inc., anyone acting on your behalf and/or any other person or entity under contract to American Recycling, Inc., or any person or entity acting on their own behalf and/or in the interest of the Property, conducted any assessment, containment, or remedial activities at any facilities relative to a release or potential release of any oil and hazardous materials at or from the facilities listed in response to Question 1? **NA**

- a. Describe in detail such assessment, cleanup, containment, or removal activities and the date(s) those actions were conducted.

NA

- b. Describe in detail any excavation and/or handling of excavated oil or hazardous waste contaminated soils, and any pumping, displacement and/or removal of oil or hazardous waste contaminated groundwater at the Property.

NA

- c. Produce a copy of all Preliminary Environmental Site Assessments or other such studies conducted at the Property and/or documents which relate to, refer to or evidence any assessment, cleanup, containment, or removal activities of oil or hazardous waste contaminated soils and/or groundwater.

NA

Supporting Documents and Records

3. Produce a copy of all documents or records which relate to, refer to, or concern any information requested or identified in this Request for Information. **NA**

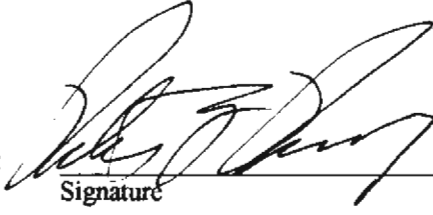
ATTACHMENT

CERTIFICATION OF SUBMITTAL (310 CMR 40.0009)

**This certification must be included with your response to the
Request for Information**

I, Peter F. Prinz, attest under the pains and penalties of perjury (I) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this submittal (II) that, based on my inquiry of those Individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (III) that I am fully authorized to make this attestation on behalf of the person or entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information.

By:


Signature

4-14-99

Date

Vice President

Title

For:

American Recycling of Ma., Inc.

Name of person or entity

American Recycling, Inc.



P O BOX 76488
HIGHLAND HEIGHTS, KY 41078
TEL 606-572-0199
FAX 606-572-0299

April 7, 1999

Mr. Allen Wyman
Massachusetts Department of Environmental Protection
Northeast Regional Office
205A Lowell Street
Wilmington, MA 01887

Re: 207 Marston Street, Lawrence, MA
RTN 3-18126
HEA Project Number 03014-99

Dear Mr. Wyman:

American Recycling, Inc. received the Notice of Responsibility & Interim Deadline letter from your office regarding Release Tracking Number (RTN) 3-18126 on April 5, 1999.

To assist us with assessing and undertaking necessary response actions relative to RTN 3-18126, we, along with Tombarello Enterprises, have engaged a Licensed Site Professional (LSP). We understand our obligation to respond to requests made by your Department, as outlined in the Notice of Responsibility & Interim Deadline letter, and to undertake response actions as applicable and governed by 310 CMR 40.000 pursuant to RNT 3-18126.

If you have any questions regarding this letter or relative to our efforts with RTN 3-18126, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter F. Prinz", written in a cursive style.

American Recycling, Inc.
Peter F. Prinz
Vice-President

AMERICAN RECYCLING OF MASS., INC.

Db a John C. Tombarello and Sons

207 Marston Street Lawrence, MA 01841

TEL. (978) 682-5226 FAX (978) 686-6484

BUYERS AND PROCESSORS OF FERROUS AND NON-FERROUS METALS
WE ALSO SELL NEW AND USED STRUCTURAL STEEL

DATE: 4/7/99

COMPANY: _____

TO: Allen Wyman

FROM: Peter Prins

OF PAGES INCLUDING COVER PAGE: 2

SUBJECT: _____

MEMO: Original is in the mail to you, here is copy of letter

American Recycling, Inc.

P O BOX 76488
HIGHLAND HEIGHTS, KY 41078
TEL 606-572-0199
FAX 606-572-0299

April 7, 1999

Mr. Allen Wyman
Massachusetts Department of Environmental Protection
Northeast Regional Office
205A Lowell Street
Wilmington, MA 01887

Re: 207 Marston Street, Lawrence, MA
RTN 3-18126
HEA Project Number 03014-99

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If you have any questions regarding this letter or relative to our efforts with RTN 3-18126, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter F. Prinz", written in a cursive style.

American Recycling, Inc.
Peter F. Prinz
Vice-President

JOSEPH FITZGIBBONS

ATTORNEY AT LAW

126A PLEASANT VALLEY STREET
METHUEN, MASSACHUSETTS 01844
(978) 685-8090

April 6, 1999

Department of Environmental Protection
Metropolitan Boston-Northeast Regional Office
205 A Lowell Street
Wilmington, MA 01887

Attn: Allen Wyman

Re: 207 Marston Street
Lawrence, MA
RTN 3-18126
HFA Project Number 03014-99

Dear Mr. Wyman:

Please be advised that George R. Tombarello, Vice President of Tombarello Enterprises, Inc., formerly known as John C. Tombarello & Sons, Inc., is in receipt of a letter addressed to him as president of Tombarello Recycling, Inc. concerning the above-captioned site. The confusion concerning the corporate identities was more than likely caused by Mr. Tombarello when he met with you at the facility on Marston Street and gave you his card as president of Tombarello Recycling, Inc. The corporate identity of the former operator of the salvage yard at 207 Marston Street is now Tombarello Enterprises, Inc., which entity sold the facility to American Recycling of Massachusetts, Inc.

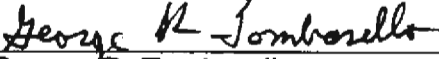
Tombarello Enterprises acknowledges that it has been notified and it understands that response actions have to be taken at the site pursuant to the time frames established in your letter of March 31, 1999 to American Recycling, Inc. and to Tombarello Recycling, Inc. In accordance therewith Tombarello Enterprises, Inc. has pursuant to contractual relations with its successor at the site designated the Licensed Site Professional engaged by American Recycling.

Thank you for your attention to this matter and if you have any questions, please feel free to call me at the above number.

Very truly yours,


Joseph Fitzgibbons

For: Tombarello Enterprises, Inc.


George R. Tombarello
Vice President

JF:gg



COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston – Northeast Regional Office

FILE COPY

(163)

ARGEO PAUL CELLUCCI
 Governor

JANE SWIFT
 Lieutenant Governor

MAR 3 1 1999

BOB DURAND
 Secretary

EDWARD P. KUNCE
 Acting Commissioner

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

Tombarello Recycling, Inc.
 35 Woodworkers Way
 Seabrook, NH 03874
Attention: George R. Tombarello, President

RE: **LAWRENCE**
 Tombarello &
 Sons, Inc.
 207 Marston St.
 RTN 3-18126

NOTICE OF RESPONSIBILITY & INTERIM
DEADLINE(S); M.G.L. c. 21E & 310 CMR
 40.0000

Dear Mr. Tombarello:

The Department of Environmental Protection (the Department or DEP) has determined that there is or has been a release of oil and/or hazardous material at the above-referenced property. The DEP received a report entitled Response Action Outcome Statement, Heat Transfer Fluid Release, John C. Tombarello & Sons, Inc., Lawrence, Massachusetts, dated July 20, 1998, and prepared by New England Disposal Technologies, Inc. (NEDT) which indicates that a release of oil and hazardous materials occurred at the subject property. The term "release" refers to both a recent, sudden spill of oil and/or hazardous material or "historical" oil and/or hazardous material contamination that is identified through some level of investigation.

Based upon the information available, the Department has reason to believe that the subject property or portion(s) thereof is a disposal site as defined in the Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c. 21E, and the Massachusetts Contingency Plan, 310 CMR 40.0000 (the MCP) and that all the necessary and required response actions have not been taken such that a level of No Significant Risk exists or has been achieved in compliance with M.G.L. c. 21E and the MCP.

The purpose of this notice is to inform you of your legal responsibilities under state law and to provide you with an Interim Deadline for assessing and/or remediating the subject release or threat of release pursuant to the MCP. For purposes of this notice, the terms and phrases used herein shall have the meaning ascribed to them by the MCP unless the text clearly indicates otherwise.

STATUTORY LIABILITIES

The following is provided to advise you of your statutory liabilities for completing response actions at the subject site. It is a summary of the liability provisions from M.G.L. c. 21E. Please refer to the statute for a complete description of the liability provisions.

The Department has reason to believe that you (as used in this letter, "you" refers to George R. Tombarello are a Potentially Responsible Party (a PRP) with liability under M.G.L. c. 21E, § 5, for response action costs. Section 5 makes the following parties liable to the Commonwealth of Massachusetts: current owners or operators of a site from or at which there is or has been a release/threat of release of oil or hazardous material; any person who owned or operated a site at the time hazardous material was stored or disposed of; any person who arranged for the transport, disposal, storage or treatment of hazardous material to or at a site; any person who transported hazardous material to a transport, disposal, storage or treatment site from which there is or has been a release/threat of release of such material; and any person who otherwise caused or is legally responsible for a release/threat of release of oil or hazardous material at a site.

This liability is "strict", meaning it is not based on fault, but solely on your status as an owner, operator, generator, transporter or disposer. It is also joint and several, meaning that you may be liable for all response action costs incurred at the site, regardless of the existence of any other liable parties.

The MCP requires responsible parties to take necessary response actions at properties where there is or has been a release or threat of release of oil and/or hazardous material. If you do not take the necessary response actions, or fail to perform them in an appropriate and timely manner, the Department is authorized by M.G.L. c. 21E to have the work performed by its contractors. By taking such actions, you can avoid liability for response action costs incurred by the Department and its contractors in performing these actions, and any sanctions which may be imposed for failure to perform response actions under the MCP.

You may be liable for up to three (3) times all response action costs incurred by the Department. Response action costs include, without limitation, the cost of direct hours spent by Department employees arranging for response actions or overseeing work performed by persons other than the Department or their contractors, expenses incurred by the Department in support of those direct hours, and payments to the Department's contractors. (For more detail on cost liability, see 310 CMR 40.1200.)

In addition to your liability for up to three (3) times all response action costs incurred by the Department, you may also be liable to the Commonwealth for damages to natural resources caused by the release. Civil and criminal liability may also be imposed under M.G.L. c. 21E, § 11, and civil administrative penalties may be imposed under M.G.L. c. 21A, § 16 for each violation of M.G.L. c. 21E, the MCP, or any order, permit or approval issued thereunder.

The Department may also assess interest on costs incurred at the rate of twelve percent (12%), compounded annually. To secure payment of this debt, the Commonwealth may place liens on all of your property in the Commonwealth. To recover the debt, the Commonwealth may foreclose on these liens or the Attorney General may bring legal action against you.

ACTIONS TAKEN AT THE SITE

According to the NEDT Report, the following response actions were conducted at the subject site: excavation, stockpiling, and removal of contaminated soils associated with a heat transfer oil release; stockpiled soil sampling; and post excavation soil sampling. As a result of stockpiled and post excavation soil sampling results, the Department conducted a field inspection of the subject site on February 17, 1999. The inspection confirmed the following reportable conditions:

1. Noted within the NEDT Report were concentrations of PCBs and Cadmium within the Composite Stockpile Sample at 13.1 and 162 ug/g respectively. The Composite Stockpile Sample was collected from stockpiled soils removed from 0-32 inches below grade and was collected from an unpaved area. These concentrations are in excess of the 10 ug/g and 60 ug/g 2-hour notification condition which indicates a potential Imminent Hazard (IH) for PCB's and Cadmium as outlined in CMR 40.0321(2)(b). This was noted by NEDT in a letter to Mr. Tombarello, dated June 25, 1998, indicating the existence of a potential Immanent Hazard condition at the subject site. The Department believes this opinion stems from the fact that the PCB and Cadmium contamination of the excavated soils was likely the result of facility operations and did not result from the release of heat transfer oil, in which PCBs were not detected and Cadmium was detected at levels much lower than in the soils. As such, the results of the Composite Stockpile Sample reveals the potential for elevated levels of these contaminants to be located within the upper 6 inches of soils remaining at the subject site. Furthermore, additional sampling of PCBs and Cadmium within surface soils was not conducted to further assess Imminent Hazard Conditions. Also, it was noted during the Department's field inspection that the excavated area was located within 500' of residential properties to the north and a ball field to the south of the subject site. At that time, the Department concluded that physical barriers, sufficient to prevent trespassing and thus negate an IH condition, were not in place. As such, the Department concludes that a potential Imminent Hazard Condition existed at the subject site at that time.
2. Noted within the NEDT report were concentrations of oil and hazardous materials within soil at the subject site which are in excess of the 120 day MCP Reportable Concentrations (RC) appropriate for the subject site. The applicable reporting condition for the subject site is RCS-1 because it is located within 500 feet of residences.

NECESSARY RESPONSE ACTIONS

The Department has determined that the following response actions are necessary at the subject site:

1. Submit an Immediate Response Action Plan (IRAP) to conduct an Imminent Hazard Evaluation in conformance with 310 CMR 40.0426, and remove stockpiled soils from the site.
2. Additional Comprehensive Response Actions pursuant to 310 CMR 40.0800 are also necessary. If the site has not yet been classified pursuant to 310 CMR 40.0500, a completed Tier Classification Submittal, and, if appropriate, a completed Tier I Permit Application

pursuant to 310 CMR 40.0700, must be submitted to DEP within one year of the initial date notice of a release is provided to the Department pursuant to 310 CMR 40.0300 or from the date the Department issues a Notice of Responsibility (NOR), whichever occurs earlier, unless a Response Action Outcome is submitted earlier.

You must employ or engage a Licensed Site Professional (LSP) to manage, supervise or actually perform the necessary response actions at the subject site. In addition, the MCP requires persons undertaking response actions at a disposal site to submit to the Department a Response Action Outcome Statement (RAO) prepared by an LSP in accordance with 310 CMR 40.1000 upon determining that a level of No Significant Risk already exists or has been achieved at a disposal site or portion thereof. [You may obtain a list of the names and addresses of these licensed professionals from the Board of Registration of Hazardous Waste Site Cleanup Professionals at (617) 556-1091.]

INTERIM DEADLINE(S) FOR COMPLIANCE WITH THE MCP

Section 310 CMR 40.0167 of the MCP allows the Department to establish and enforce reasonable Interim Deadlines consistent with M.G.L. c. 21E in order to establish timeframes for responsible parties to perform response actions at disposal sites. In light of this, you are hereby notified that, at a minimum, the response actions above must be conducted at the subject site within the following Interim Deadlines:

- (1.) Within **7 calendar days** of the date of the issuance of this letter, you must notify the Department in writing acknowledging that you have been notified of and understand your obligation to undertake the response actions at the subject site pursuant to the timeframes established herein and in accordance with 310 CMR 40.0000.
- (2.) Submit an IRAP and schedule by **April 21, 1999**.

Please be advised that a Notice of Responsibility requiring the same response actions and Interim Deadlines was also sent to American Recycling, Inc. As such, we urge that you coordinate response actions with American.

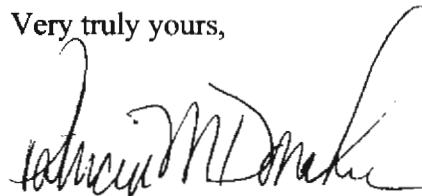
If you fail to voluntarily undertake the response action(s) necessary at the subject site within the Interim Deadline(s) established herein, the Department may perform such response actions and seek to recover the Department's costs and/or may initiate other appropriate enforcement actions to ensure that such response actions are conducted. The Department's decision to establish one or more Interim Deadlines in accordance with 310 CMR 40.0167 is not subject to M.G.L. c. 30A or any other law governing adjudicatory proceedings.

It is important to note that you must dispose of any Remediation Waste generated at the subject location in accordance with 310 CMR 40.0030 including, without limitation, contaminated soil and/or debris. Any Bill of Lading accompanying such waste must bear the seal and signature of an LSP or, if the response action is performed under the direct supervision of the Department, the signature of an authorized representative of the Department.

The Department encourages parties with liabilities under M.G.L. c. 21E to take prompt action in response to releases and threats of release of oil and/or hazardous material. By taking prompt action, you may significantly lower your assessment and cleanup costs and avoid the imposition of, or reduce the amount of, certain permit and annual compliance fees for response actions payable under 310 CMR 4.00.

If you have any questions relative to this notice, you should contact Allen Wyman at the letterhead address or (978) 661-7807. All future communications regarding this release must reference the Release Tracking Number (RTN) 3-18128 contained in the subject block of this letter.

Very truly yours,



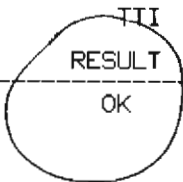
Patricia Donahue
Chief, Audit Section
Bureau of Waste Site Cleanup

Enclosures: ~~Attachment 1 - Request for Information~~
~~Attachment 2 - Certification of Submittal~~

cc: DEP/NERO, Data Entry/Files/NORINT (w/attachments)
Board of Health, 200 Common Street, Lawrence, MA 01840
Mayor, 200 Common Street, Lawrence, MA 01840
American Recycling, Inc., P.O. Box 76161, Highland Heights, KY 41076
Attn: Michael Price, President
Joseph Fitzgibbons, Attorney At Law, 126A Pleasant Valley St., Methuen, MA 01844
Attn: Joseph Fitzgibbons
W.Z. Baumgartner & Associates, Inc., P.O. Box 680369, 37068-0369,
310 Williamson Sq., Franklin, TN 37064
Attn: Bill Baumgartner, President

16817T.NOR

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
362 MEMORY TX		919788349966	OK	P. 15/15



REASON FOR ERROR
 E-1) HANG UP OR LINE FAIL
 E-2) BUSY
 E-3) NO ANSWER
 E-4) NO FACSIMILE CONNECTION



COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 METROPOLITAN BOSTON - NORTHEAST REGIONAL OFFICE

ARGEO PAUL CELLUCCI
 Governor

IANB SWIFT
 Lieutenant Governor

BOB DURAND
 Secretary

DAVID B. STRUHS
 Commissioner

NERO FACSIMILE TRANSMITTAL FORM

DATE 3 / 31 / 99

TO:

Company: _____

Contact Name: John Higgins, LSP Phone: 978 834 9000

FAX PHONE # (978) 834 9966

COMPANY PHONE # ()



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
METROPOLITAN BOSTON - NORTHEAST REGIONAL OFFICE

ARGEO PAUL CELLUCCI
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Lieutenant Governor

BOB DURAND
Secretary

DAVID B. STRUHS
Commissioner

NERO FACSIMILE TRANSMITTAL FORM

DATE 3 / 31 / 99

TO:

Company: _____
Contact Name: John Higgins, LSP Phone: 978 834 9000
FAX PHONE # (978) 834 9966
COMPANY PHONE # ()

FROM:

DEP Division: BWSC
Contact Name: Allen Wyman Phone: 978-661-7807

COMMENTS: FYI. These are going out into
mail today.

TRANSMITTAL FORM plus 14 page(s)
To report transmission problems, call Mike at (978) 661-7714
Fax Number for NERO - (978) 661-7615



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston – Northeast Regional Office

FILE COPY

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

EDWARD P. KUNCE
Acting Commissioner

MAR 31 1999

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

American Recycling, Inc.
P.O. Box 76161
Highland Heights, KY 41076
Attention: Michael Price, President

RE: **LAWRENCE**
Tombarello &
Sons, Inc.
207 Marston St.
RTN 3-18126

NOTICE OF RESPONSIBILITY & INTERIM
DEADLINE(S); M.G.L. c. 21E & 310 CMR
40.0000; Request for Information

Dear Mr. Price:

The Department of Environmental Protection (the Department or DEP) has determined that there is or has been a release of oil and/or hazardous material at the above-referenced property. The DEP received a report entitled Environmental Site Assessment, John C. Tombarello & Sons, Inc., Lawrence, Massachusetts, dated August 1998, and prepared by W.Z. Baumgartner & Associates, Inc. (Baumgartner) which indicates that a release of oil and hazardous materials occurred at the subject property. The term "release" refers to both a recent, sudden spill of oil and/or hazardous material or "historical" oil and/or hazardous material contamination that is identified through some level of investigation.

Based upon the information available, the Department has reason to believe that the subject property or portion(s) thereof is a disposal site as defined in the Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c. 21E, and the Massachusetts Contingency Plan, 310 CMR 40.0000 (the MCP) and that all the necessary and required response actions have not been taken such that a level of No Significant Risk exists or has been achieved in compliance with M.G.L. c. 21E and the MCP.

The purpose of this notice is to inform you of your legal responsibilities under state law and to provide you with an Interim Deadline for assessing and/or remediating the subject release or threat of release pursuant to the MCP. For purposes of this notice, the terms and phrases used herein shall have the meaning ascribed to them by the MCP unless the text clearly indicates otherwise.

STATUTORY LIABILITIES

The following is provided to advise you of your statutory liabilities for completing response actions at the subject site. It is a summary of the liability provisions from M.G.L. c. 21E. Please refer to the statute for a complete description of the liability provisions.

The Department has reason to believe that you (as used in this letter, "you" refers to American Recycling, Inc. are a Potentially Responsible Party (a PRP) with liability under M.G.L. c. 21E, § 5, for response action costs. Section 5 makes the following parties liable to the Commonwealth of Massachusetts: current owners or operators of a site from or at which there is or has been a release/threat of release of oil or hazardous material; any person who owned or operated a site at the time hazardous material was stored or disposed of; any person who arranged for the transport, disposal, storage or treatment of hazardous material to or at a site; any person who transported hazardous material to a transport, disposal, storage or treatment site from which there is or has been a release/threat of release of such material; and any person who otherwise caused or is legally responsible for a release/threat of release of oil or hazardous material at a site.

This liability is "strict", meaning it is not based on fault, but solely on your status as an owner, operator, generator, transporter or disposer. It is also joint and several, meaning that you may be liable for all response action costs incurred at the site, regardless of the existence of any other liable parties.

The MCP requires responsible parties to take necessary response actions at properties where there is or has been a release or threat of release of oil and/or hazardous material. If you do not take the necessary response actions, or fail to perform them in an appropriate and timely manner, the Department is authorized by M.G.L. c. 21E to have the work performed by its contractors. By taking such actions, you can avoid liability for response action costs incurred by the Department and its contractors in performing these actions, and any sanctions which may be imposed for failure to perform response actions under the MCP.

You may be liable for up to three (3) times all response action costs incurred by the Department. Response action costs include, without limitation, the cost of direct hours spent by Department employees arranging for response actions or overseeing work performed by persons other than the Department or their contractors, expenses incurred by the Department in support of those direct hours, and payments to the Department's contractors. (For more detail on cost liability, see 310 CMR 40.1200.)

In addition to your liability for up to three (3) times all response action costs incurred by the Department, you may also be liable to the Commonwealth for damages to natural resources caused by the release. Civil and criminal liability may also be imposed under M.G.L. c. 21E, § 11, and civil

administrative penalties may be imposed under M.G.L. c. 21A, § 16 for each violation of M.G.L. c. 21E, the MCP, or any order, permit or approval issued thereunder.

The Department may also assess interest on costs incurred at the rate of twelve percent (12%), compounded annually. To secure payment of this debt, the Commonwealth may place liens on all of your property in the Commonwealth. To recover the debt, the Commonwealth may foreclose on these liens or the Attorney General may bring legal action against you.

ACTIONS TAKEN TO DATE AT THE SITE

The following response actions have been conducted at the subject site: excavation of contaminated soils; stockpiling of approximately 100 cubic yards of contaminated soils; monitoring well installations; and soil and groundwater sampling. As a result of these response actions, the Department conducted a field inspection of the subject site on February 17, 1999. The inspection confirmed the following reportable conditions:

1. Noted within the Baumgartner report were concentrations of PCBs in surface soil sample SS-8 and in soil boring SB-3 at 10.6 and 59 ug/g, respectively. Soil boring SB-3 was collected from 0-2' below grade and both were collected from unpaved surfaces. These concentrations are in excess of the 10 ug/g 2-hour notification trigger which indicates a potential Imminent Hazard (IH) as outlined in CMR 40.0321(2)(b). It was also noted during the Department's field inspection that these samples were located within 500' of residential properties to the north and a ball field to the south of the subject site. At that time, the Department concluded that physical barriers, sufficient to prevent trespassing and thus negate a potential IH condition, were not in place. As such, the Department concludes that a potential Imminent Hazard Condition currently exists at the subject site.
2. Noted within the Baumgartner report were concentrations of oil and hazardous materials within soil and ground water at the subject site which were in excess of the 120 day MCP Reportable Concentrations (RC) appropriate for the subject site. The reporting conditions applicable to the subject site are RCS-1 and GW-1 RCs, as the subject site is located within 500 feet of residences, and a portion of the subject site is located in an Interim Wellhead Protection Area.

NECESSARY RESPONSE ACTIONS

The Department has determined that the following response actions are necessary at the subject site:

1. Submit an Immediate Response Action Plan (IRAP) to conduct an Imminent Hazard Evaluation in conformance with 310 CMR 40.0426, and remove stockpiled soils from the site.
2. Additional Comprehensive Response Actions pursuant to 310 CMR 40.0800 are also necessary. If the site has not yet been classified pursuant to 310 CMR 40.0500, a completed

Tier Classification Submittal, and, if appropriate, a completed Tier I Permit Application pursuant to 310 CMR 40.0700, must be submitted to DEP within one year of the initial date notice of a release is provided to the Department pursuant to 310 CMR 40.0300 or from the date the Department issues a Notice of Responsibility (NOR), whichever occurs earlier, unless a Response Action Outcome is submitted earlier.

You must employ or engage a Licensed Site Professional (LSP) to manage, supervise or actually perform the necessary response actions at the subject site. In addition, the MCP requires persons undertaking response actions at a disposal site to submit to the Department a Response Action Outcome Statement (RAO) prepared by an LSP in accordance with 310 CMR 40.1000 upon determining that a level of No Significant Risk already exists or has been achieved at a disposal site or portion thereof. [You may obtain a list of the names and addresses of these licensed professionals from the Board of Registration of Hazardous Waste Site Cleanup Professionals at (617) 556-1091.]

Request for Information. Pursuant to M.G.L. Chapter 21E §§ 2, 4, and 8, 310 CMR 40.0165, and 310 CMR 40.1120(1), the Department requires you to provide the information in Attachment 1. You must prepare written responses to each item and deliver such responses to DEP within **fourteen calendar days** of the date of this notice. Furthermore, your response must contain the certification of submittal as specified in 310 CMR 40.0009 (Attachment 2).

If you do not have any portion of the information requested in your possession, custody, or control, you must state this in your response and identify the person/s, if known to you, from whom the information can be obtained. You must follow the procedure described in 310 CMR 40.0165(3) if you claim any information submitted is a trade secret or otherwise exempt from public disclosure.

DO NOT IGNORE THIS REQUEST. Failure to respond to this request or the submission of false or misleading information may subject you and your officers and employees to further enforcement action by the Department.

A copy of this request has also been sent to Bill Baumgartner, environmental consultant for your site. You may consult with an LSP when preparing a response to this request. Note, however, that you, not your environmental consultant nor your LSP, are obligated to respond to this request. Send your complete response and required certifications to this request to:

Allen Wyman
Department of Environmental Protection
205A Lowell Street
Wilmington, MA 01887

The deadline given for a response to this request is an "Interim Deadline" enforceable under 310 CMR 40.0167. You may request an extension of this deadline in writing to the DEP auditor listed above. DEP, however, is not required to grant a request for an extension.

Note that you are obligated under 310 CMR 40.0165(2) to promptly provide DEP any information relevant to this "Request for Information" and correct any errors in your response to this "Request for Information" at any time in the future when you discover such information or errors.

INTERIM DEADLINE(S) FOR COMPLIANCE WITH THE MCP

Section 310 CMR 40.0167 of the MCP allows the Department to establish and enforce reasonable Interim Deadlines consistent with M.G.L. c. 21E in order to establish timeframes for responsible parties to perform response actions at disposal sites. In light of this, you are hereby notified that, at a minimum, the response actions above must be conducted at the subject site within the following Interim Deadlines:

- (1.) Within **7 calendar days** of the date of the issuance of this letter, you must notify the Department in writing acknowledging that you have been notified of and understand your obligation to undertake the response actions at the subject site pursuant to the timeframes established herein and in accordance with 310 CMR 40.0000.

- (2.) Submit an IRAP and schedule by **April 21, 1999**.

Please be advised that a Notice of Responsibility requiring the same response actions and Interim Deadlines was also sent to George R. Tombarello. As such, we urge that American coordinate response actions with Mr. Tombarello.

If you fail to voluntarily undertake the response action(s) necessary at the subject site within the Interim Deadline(s) established herein, the Department may perform such response actions and seek to recover the Department's costs and/or may initiate other appropriate enforcement actions to ensure that such response actions are conducted. The Department's decision to establish one or more Interim Deadlines in accordance with 310 CMR 40.0167 is not subject to M.G.L. c. 30A or any other law governing adjudicatory proceedings.

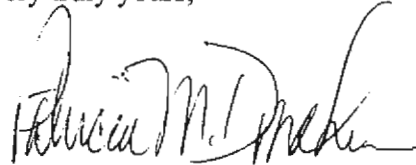
It is important to note that you must dispose of any Remediation Waste generated at the subject location in accordance with 310 CMR 40.0030 including, without limitation, contaminated soil and/or debris. Any Bill of Lading accompanying such waste must bear the seal and signature of an LSP or, if the response action is performed under the direct supervision of the Department, the signature of an authorized representative of the Department.

The Department encourages parties with liabilities under M.G.L. c. 21E to take prompt action in response to releases and threats of release of oil and/or hazardous material. By taking prompt action, you may significantly lower your assessment and cleanup costs and avoid the imposition of, or reduce the amount of, certain permit and annual compliance fees for response actions payable under 310 CMR 4.00.

Lawrence
3-18126
Page 6

If you have any questions relative to this notice, you should contact Allen Wyman at the letterhead address or (978) 661-7807. All future communications regarding this release must reference the Release Tracking Number (RTN) 3-18128 contained in the subject block of this letter.

Very truly yours,



Patricia Donahue
Chief, Audit Section
Bureau of Waste Site Cleanup

Enclosures: Attachment 1 - Request for Information
Attachment 2 - Certification of Submittal

cc: DEP/NERO, Data Entry/Files/NORINT (w/attachments)
Board of Health, 200 Common Street, Lawrence, MA 01840
Mayor, 200 Common Street, Lawrence, MA 01840
Tombarello Recycling, Inc., 35 Woodworkers Way, Seabrook, NH 03874
Attn: George R. Tombarello, President
Joseph Fitzgibbons, Attorney At Law, 126A Pleasant Valley St., Methuen, MA 01844
Attn: Joseph Fitzgibbons
W.Z. Baumgartner & Associates, Inc., P.O. Box 680369, 37068-0369,
310 Williamson Sq., Franklin, TN 37064
Attn: Bill Baumgartner, President

16817A.NOR

ATTACHMENT 1
REQUEST FOR INFORMATION

207 Marston Street
Lawrence, MA
RTN 3-18126

A separate response must be made to each of the questions in this Information Request. Please label each answer with the number of the request or question to which it responds.

This Information Request is a continuing request. That is, if information requested here which is not known or available to you as of the date of your response later becomes known or available to you, you must forward such information to the Department. In addition, if you discover at any time after submission of your response to this request that any portion of the information you have provided is false or misrepresents the truth, you must notify the Department immediately.

Note that you must provide in writing any specific information that is responsive to the request or questions even if that information has not been written previously in any document.

If you do not have any portion of the information requested in your possession, custody, or control, you should state this in your written response and identify the person/s from whom the information may be obtained.

Information and/or Documents Requested:

1. Please state whether American Recycling, Inc. or any subsidiary or division thereof, currently owns or operates any type of recycling, demolition, or disposal facilities within the state of Massachusetts other than Tombarello and Sons, Inc. If the answer to this is yes, please include for each facility:
 - a. The name, address, and operations manager of the facility;
 - b. A description of historical and current operations at the facility;
 - c. Whether a release of oil or hazardous materials has occurred at the facility; and
 - d. The Massachusetts Department of Environmental Protection Release Tracking Number for any facility currently registered with the Department's Bureau of Waste Site Cleanup.

2. Please state whether you, anyone acting on your behalf and/or any other person or entity under contract to you, or any person or entity acting on their own behalf and/or in the interest of the

Property (to the extent which you were informed), conducted any assessment, containment, or remedial activities at any facilities relative to a release or potential release of any oil and hazardous materials at or from the facilities listed in response to Question 1 above. Such information must also include Preliminary Environmental Site Assessments or other such studies conducted of the Property by you or any other entity. If your answer is yes, please:

- a. Describe in detail such assessment, cleanup, containment or removal activities and the date(s) those actions were conducted;
- b. Describe in detail any excavation and/or handling of excavated oil or hazardous waste contaminated soils, and any pumping, displacement and/or removal of oil or hazardous waste contaminated groundwater at the Property; and
- c. Produce a copy of all Preliminary Environmental Site Assessments or other such studies conducted of the Property and/or documents which relate to, refer to or evidence any assessment, cleanup, containment or removal activities of oil or hazardous waste contaminated soils and/or ground water.

Any answers to Question 2(a)(b) or (c) related to facilities already listed with the Department do not need to be answered if the information requested has previously been submitted to the Department as part of Remedial Actions required at such facilities. However, the Department requests any historical or additional information not submitted to the Department for such facilities.

3. Please produce a copy of all documents or records which relate to, refer to, or concern any information requested or identified in this Request for Information.

The Department encourages you to give this matter your immediate attention and to respond within the time specified above. Your response should be sent to me at the letterhead address. If you have any questions regarding this Request for Information, please contact Allen Wyman at the address stated above, or by telephone at (978) 661-7807.

ATTACHMENT 2

CERTIFICATION OF SUBMITTAL (310 CMR 40.0009)

This certification must be included with your response to the Request for Information

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this submittal, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the person or entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information.

By: _____
Signature Date

Title

For: _____
Name of person or entity



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston – Northeast Regional Office

FILE COPY

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

EDWARD P. KUNCE
Acting Commissioner

MAR 31 1999

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

Tombarello Recycling, Inc.
35 Woodworkers Way
Seabrook, NH 03874
Attention: George R. Tombarello, President

RE: **LAWRENCE**
Tombarello &
Sons, Inc.
207 Marston St.
RTN 3-18126

NOTICE OF RESPONSIBILITY & INTERIM
DEADLINE(S); M.G.L. c. 21E & 310 CMR
40.0000

Dear Mr. Tombarello:

The Department of Environmental Protection (the Department or DEP) has determined that there is or has been a release of oil and/or hazardous material at the above-referenced property. The DEP received a report entitled Response Action Outcome Statement, Heat Transfer Fluid Release, John C. Tombarello & Sons, Inc., Lawrence, Massachusetts, dated July 20, 1998, and prepared by New England Disposal Technologies, Inc. (NEDT) which indicates that a release of oil and hazardous materials occurred at the subject property. The term "release" refers to both a recent, sudden spill of oil and/or hazardous material or "historical" oil and/or hazardous material contamination that is identified through some level of investigation.

Based upon the information available, the Department has reason to believe that the subject property or portion(s) thereof is a disposal site as defined in the Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c. 21E, and the Massachusetts Contingency Plan, 310 CMR 40.0000 (the MCP) and that all the necessary and required response actions have not been taken such that a level of No Significant Risk exists or has been achieved in compliance with M.G.L. c. 21E and the MCP.

The purpose of this notice is to inform you of your legal responsibilities under state law and to provide you with an Interim Deadline for assessing and/or remediating the subject release or threat of release pursuant to the MCP. For purposes of this notice, the terms and phrases used herein shall have the meaning ascribed to them by the MCP unless the text clearly indicates otherwise.

STATUTORY LIABILITIES

The following is provided to advise you of your statutory liabilities for completing response actions at the subject site. It is a summary of the liability provisions from M.G.L. c. 21E. Please refer to the statute for a complete description of the liability provisions.

The Department has reason to believe that you (as used in this letter, "you" refers to George R. Tombarello are a Potentially Responsible Party (a PRP) with liability under M.G.L. c. 21E, § 5, for response action costs. Section 5 makes the following parties liable to the Commonwealth of Massachusetts: current owners or operators of a site from or at which there is or has been a release/threat of release of oil or hazardous material; any person who owned or operated a site at the time hazardous material was stored or disposed of; any person who arranged for the transport, disposal, storage or treatment of hazardous material to or at a site; any person who transported hazardous material to a transport, disposal, storage or treatment site from which there is or has been a release/threat of release of such material; and any person who otherwise caused or is legally responsible for a release/threat of release of oil or hazardous material at a site.

This liability is "strict", meaning it is not based on fault, but solely on your status as an owner, operator, generator, transporter or disposer. It is also joint and several, meaning that you may be liable for all response action costs incurred at the site, regardless of the existence of any other liable parties.

The MCP requires responsible parties to take necessary response actions at properties where there is or has been a release or threat of release of oil and/or hazardous material. If you do not take the necessary response actions, or fail to perform them in an appropriate and timely manner, the Department is authorized by M.G.L. c. 21E to have the work performed by its contractors. By taking such actions, you can avoid liability for response action costs incurred by the Department and its contractors in performing these actions, and any sanctions which may be imposed for failure to perform response actions under the MCP.

You may be liable for up to three (3) times all response action costs incurred by the Department. Response action costs include, without limitation, the cost of direct hours spent by Department employees arranging for response actions or overseeing work performed by persons other than the Department or their contractors, expenses incurred by the Department in support of those direct hours, and payments to the Department's contractors. (For more detail on cost liability, see 310 CMR 40.1200.)

In addition to your liability for up to three (3) times all response action costs incurred by the Department, you may also be liable to the Commonwealth for damages to natural resources caused by the release. Civil and criminal liability may also be imposed under M.G.L. c. 21E, § 11, and civil administrative penalties may be imposed under M.G.L. c. 21A, § 16 for each violation of M.G.L. c. 21E, the MCP, or any order, permit or approval issued thereunder.

The Department may also assess interest on costs incurred at the rate of twelve percent (12%), compounded annually. To secure payment of this debt, the Commonwealth may place liens on all of your property in the Commonwealth. To recover the debt, the Commonwealth may foreclose on these liens or the Attorney General may bring legal action against you.

ACTIONS TAKEN AT THE SITE

According to the NEDT Report, the following response actions were conducted at the subject site: excavation, stockpiling, and removal of contaminated soils associated with a heat transfer oil release; stockpiled soil sampling; and post excavation soil sampling. As a result of stockpiled and post excavation soil sampling results, the Department conducted a field inspection of the subject site on February 17, 1999. The inspection confirmed the following reportable conditions:

1. Noted within the NEDT Report were concentrations of PCBs and Cadmium within the Composite Stockpile Sample at 13.1 and 162 ug/g respectively. The Composite Stockpile Sample was collected from stockpiled soils removed from 0-32 inches below grade and was collected from an unpaved area. These concentrations are in excess of the 10 ug/g and 60 ug/g 2-hour notification condition which indicates a potential Imminent Hazard (IH) for PCB's and Cadmium as outlined in CMR 40.0321(2)(b). This was noted by NEDT in a letter to Mr. Tombarello, dated June 25, 1998, indicating the existence of a potential Immanent Hazard condition at the subject site. The Department believes this opinion stems from the fact that the PCB and Cadmium contamination of the excavated soils was likely the result of facility operations and did not result from the release of heat transfer oil, in which PCBs were not detected and Cadmium was detected at levels much lower than in the soils. As such, the results of the Composite Stockpile Sample reveals the potential for elevated levels of these contaminants to be located within the upper 6 inches of soils remaining at the subject site. Furthermore, additional sampling of PCBs and Cadmium within surface soils was not conducted to further assess Imminent Hazard Conditions. Also, it was noted during the Department's field inspection that the excavated area was located within 500' of residential properties to the north and a ball field to the south of the subject site. At that time, the Department concluded that physical barriers, sufficient to prevent trespassing and thus negate an IH condition, were not in place. As such, the Department concludes that a potential Imminent Hazard Condition existed at the subject site at that time.
2. Noted within the NEDT report were concentrations of oil and hazardous materials within soil at the subject site which are in excess of the 120 day MCP Reportable Concentrations (RC) appropriate for the subject site. The applicable reporting condition for the subject site is RCS-1 because it is located within 500 feet of residences.

NECESSARY RESPONSE ACTIONS

The Department has determined that the following response actions are necessary at the subject site:

1. Submit an Immediate Response Action Plan (IRAP) to conduct an Imminent Hazard Evaluation in conformance with 310 CMR 40.0426, and remove stockpiled soils from the site.
2. Additional Comprehensive Response Actions pursuant to 310 CMR 40.0800 are also necessary. If the site has not yet been classified pursuant to 310 CMR 40.0500, a completed Tier Classification Submittal, and, if appropriate, a completed Tier I Permit Application

pursuant to 310 CMR 40.0700, must be submitted to DEP within one year of the initial date notice of a release is provided to the Department pursuant to 310 CMR 40.0300 or from the date the Department issues a Notice of Responsibility (NOR), whichever occurs earlier, unless a Response Action Outcome is submitted earlier.

You must employ or engage a Licensed Site Professional (LSP) to manage, supervise or actually perform the necessary response actions at the subject site. In addition, the MCP requires persons undertaking response actions at a disposal site to submit to the Department a Response Action Outcome Statement (RAO) prepared by an LSP in accordance with 310 CMR 40.1000 upon determining that a level of No Significant Risk already exists or has been achieved at a disposal site or portion thereof. [You may obtain a list of the names and addresses of these licensed professionals from the Board of Registration of Hazardous Waste Site Cleanup Professionals at (617) 556-1091.]

INTERIM DEADLINE(S) FOR COMPLIANCE WITH THE MCP

Section 310 CMR 40.0167 of the MCP allows the Department to establish and enforce reasonable Interim Deadlines consistent with M.G.L. c. 21E in order to establish timeframes for responsible parties to perform response actions at disposal sites. In light of this, you are hereby notified that, at a minimum, the response actions above must be conducted at the subject site within the following Interim Deadlines:

- (1.) Within **7 calendar days** of the date of the issuance of this letter, you must notify the Department in writing acknowledging that you have been notified of and understand your obligation to undertake the response actions at the subject site pursuant to the timeframes established herein and in accordance with 310 CMR 40.0000.
- (2.) Submit an IRAP and schedule by **April 21, 1999**.

Please be advised that a Notice of Responsibility requiring the same response actions and Interim Deadlines was also sent to American Recycling, Inc. As such, we urge that you coordinate response actions with American.

If you fail to voluntarily undertake the response action(s) necessary at the subject site within the Interim Deadline(s) established herein, the Department may perform such response actions and seek to recover the Department's costs and/or may initiate other appropriate enforcement actions to ensure that such response actions are conducted. The Department's decision to establish one or more Interim Deadlines in accordance with 310 CMR 40.0167 is not subject to M.G.L. c. 30A or any other law governing adjudicatory proceedings.

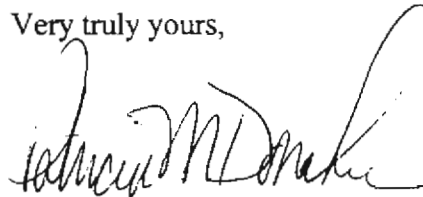
It is important to note that you must dispose of any Remediation Waste generated at the subject location in accordance with 310 CMR 40.0030 including, without limitation, contaminated soil and/or debris. Any Bill of Lading accompanying such waste must bear the seal and signature of an LSP or, if the response action is performed under the direct supervision of the Department, the signature of an authorized representative of the Department.

Lawrence
3-18126
Page 5

The Department encourages parties with liabilities under M.G.L. c. 21E to take prompt action in response to releases and threats of release of oil and/or hazardous material. By taking prompt action, you may significantly lower your assessment and cleanup costs and avoid the imposition of, or reduce the amount of, certain permit and annual compliance fees for response actions payable under 310 CMR 4.00.

If you have any questions relative to this notice, you should contact Allen Wyman at the letterhead address or (978) 661-7807. All future communications regarding this release must reference the Release Tracking Number (RTN) 3-18128 contained in the subject block of this letter.

Very truly yours,



Patricia Donahue
Chief, Audit Section
Bureau of Waste Site Cleanup

Enclosures: Attachment 1 - Request for Information
Attachment 2 - Certification of Submittal

cc: DEP/NERO, Data Entry/Files/NORINT (w/attachments)
Board of Health, 200 Common Street, Lawrence, MA 01840
Mayor, 200 Common Street, Lawrence, MA 01840
American Recycling, Inc., P.O. Box 76161, Highland Heights, KY 41076
Attn: Michael Price, President
Joseph Fitzgibbons, Attorney At Law, 126A Pleasant Valley St., Methuen, MA 01844
Attn: Joseph Fitzgibbons
W.Z. Baumgartner & Associates, Inc., P.O. Box 680369, 37068-0369,
310 Williamson Sq., Franklin, TN 37064
Attn: Bill Baumgartner, President

16817T.NOR



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston – Northeast Regional Office

FILE COPY

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

EDWARD P. KUNCE
Acting Commissioner

MAR 31 1999

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

American Recycling, Inc.
P.O. Box 76161
Highland Heights, KY 41076
Attention: Michael Price, President

RE: **LAWRENCE**
Tombarello &
Sons, Inc.
207 Marston St.
RTN 3-18126

NOTICE OF RESPONSIBILITY & INTERIM
DEADLINE(S); M.G.L. c. 21E & 310 CMR
40.0000; Request for Information

Dear Mr. Price:

The Department of Environmental Protection (the Department or DEP) has determined that there is or has been a release of oil and/or hazardous material at the above-referenced property. The DEP received a report entitled Environmental Site Assessment, John C. Tombarello & Sons, Inc., Lawrence, Massachusetts, dated August 1998, and prepared by W.Z. Baumgartner & Associates, Inc. (Baumgartner) which indicates that a release of oil and hazardous materials occurred at the subject property. The term "release" refers to both a recent, sudden spill of oil and/or hazardous material or "historical" oil and/or hazardous material contamination that is identified through some level of investigation.

Based upon the information available, the Department has reason to believe that the subject property or portion(s) thereof is a disposal site as defined in the Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c. 21E, and the Massachusetts Contingency Plan, 310 CMR 40.0000 (the MCP) and that all the necessary and required response actions have not been taken such that a level of No Significant Risk exists or has been achieved in compliance with M.G.L. c. 21E and the MCP.

The purpose of this notice is to inform you of your legal responsibilities under state law and to provide you with an Interim Deadline for assessing and/or remediating the subject release or threat of release pursuant to the MCP. For purposes of this notice, the terms and phrases used herein shall have the meaning ascribed to them by the MCP unless the text clearly indicates otherwise.

STATUTORY LIABILITIES

The following is provided to advise you of your statutory liabilities for completing response actions at the subject site. It is a summary of the liability provisions from M.G.L. c. 21E. Please refer to the statute for a complete description of the liability provisions.

The Department has reason to believe that you (as used in this letter, "you" refers to American Recycling, Inc. are a Potentially Responsible Party (a PRP) with liability under M.G.L. c. 21E, § 5, for response action costs. Section 5 makes the following parties liable to the Commonwealth of Massachusetts: current owners or operators of a site from or at which there is or has been a release/threat of release of oil or hazardous material; any person who owned or operated a site at the time hazardous material was stored or disposed of; any person who arranged for the transport, disposal, storage or treatment of hazardous material to or at a site; any person who transported hazardous material to a transport, disposal, storage or treatment site from which there is or has been a release/threat of release of such material; and any person who otherwise caused or is legally responsible for a release/threat of release of oil or hazardous material at a site.

This liability is "strict", meaning it is not based on fault, but solely on your status as an owner, operator, generator, transporter or disposer. It is also joint and several, meaning that you may be liable for all response action costs incurred at the site, regardless of the existence of any other liable parties.

The MCP requires responsible parties to take necessary response actions at properties where there is or has been a release or threat of release of oil and/or hazardous material. If you do not take the necessary response actions, or fail to perform them in an appropriate and timely manner, the Department is authorized by M.G.L. c. 21E to have the work performed by its contractors. By taking such actions, you can avoid liability for response action costs incurred by the Department and its contractors in performing these actions, and any sanctions which may be imposed for failure to perform response actions under the MCP.

You may be liable for up to three (3) times all response action costs incurred by the Department. Response action costs include, without limitation, the cost of direct hours spent by Department employees arranging for response actions or overseeing work performed by persons other than the Department or their contractors, expenses incurred by the Department in support of those direct hours, and payments to the Department's contractors. (For more detail on cost liability, see 310 CMR 40.1200.)

In addition to your liability for up to three (3) times all response action costs incurred by the Department, you may also be liable to the Commonwealth for damages to natural resources caused by the release. Civil and criminal liability may also be imposed under M.G.L. c. 21E, § 11, and civil

administrative penalties may be imposed under M.G.L. c. 21A, § 16 for each violation of M.G.L. c. 21E, the MCP, or any order, permit or approval issued thereunder.

The Department may also assess interest on costs incurred at the rate of twelve percent (12%), compounded annually. To secure payment of this debt, the Commonwealth may place liens on all of your property in the Commonwealth. To recover the debt, the Commonwealth may foreclose on these liens or the Attorney General may bring legal action against you.

ACTIONS TAKEN TO DATE AT THE SITE

The following response actions have been conducted at the subject site: excavation of contaminated soils; stockpiling of approximately 100 cubic yards of contaminated soils; monitoring well installations; and soil and groundwater sampling. As a result of these response actions, the Department conducted a field inspection of the subject site on February 17, 1999. The inspection confirmed the following reportable conditions:

1. Noted within the Baumgartner report were concentrations of PCBs in surface soil sample SS-8 and in soil boring SB-3 at 10.6 and 59 ug/g, respectively. Soil boring SB-3 was collected from 0-2' below grade and both were collected from unpaved surfaces. These concentrations are in excess of the 10 ug/g 2-hour notification trigger which indicates a potential Imminent Hazard (IH) as outlined in CMR 40.0321(2)(b). It was also noted during the Department's field inspection that these samples were located within 500' of residential properties to the north and a ball field to the south of the subject site. At that time, the Department concluded that physical barriers, sufficient to prevent trespassing and thus negate a potential IH condition, were not in place. As such, the Department concludes that a potential Imminent Hazard Condition currently exists at the subject site.
2. Noted within the Baumgartner report were concentrations of oil and hazardous materials within soil and ground water at the subject site which were in excess of the 120 day MCP Reportable Concentrations (RC) appropriate for the subject site. The reporting conditions applicable to the subject site are RCS-1 and GW-1 RCs, as the subject site is located within 500 feet of residences, and a portion of the subject site is located in an Interim Wellhead Protection Area.

NECESSARY RESPONSE ACTIONS

The Department has determined that the following response actions are necessary at the subject site:

1. Submit an Immediate Response Action Plan (IRAP) to conduct an Imminent Hazard Evaluation in conformance with 310 CMR 40.0426, and remove stockpiled soils from the site.
2. Additional Comprehensive Response Actions pursuant to 310 CMR 40.0800 are also necessary. If the site has not yet been classified pursuant to 310 CMR 40.0500, a completed

Tier Classification Submittal, and, if appropriate, a completed Tier I Permit Application pursuant to 310 CMR 40.0700, must be submitted to DEP within one year of the initial date notice of a release is provided to the Department pursuant to 310 CMR 40.0300 or from the date the Department issues a Notice of Responsibility (NOR), whichever occurs earlier, unless a Response Action Outcome is submitted earlier.

You must employ or engage a Licensed Site Professional (LSP) to manage, supervise or actually perform the necessary response actions at the subject site. In addition, the MCP requires persons undertaking response actions at a disposal site to submit to the Department a Response Action Outcome Statement (RAO) prepared by an LSP in accordance with 310 CMR 40.1000 upon determining that a level of No Significant Risk already exists or has been achieved at a disposal site or portion thereof. [You may obtain a list of the names and addresses of these licensed professionals from the Board of Registration of Hazardous Waste Site Cleanup Professionals at (617) 556-1091.]

Request for Information. Pursuant to M.G.L. Chapter 21E §§ 2, 4, and 8, 310 CMR 40.0165, and 310 CMR 40.1120(1), the Department requires you to provide the information in Attachment 1. You must prepare written responses to each item and deliver such responses to DEP within **fourteen calendar days** of the date of this notice. Furthermore, your response must contain the certification of submittal as specified in 310 CMR 40.0009 (Attachment 2).

If you do not have any portion of the information requested in your possession, custody, or control, you must state this in your response and identify the person/s, if known to you, from whom the information can be obtained. You must follow the procedure described in 310 CMR 40.0165(3) if you claim any information submitted is a trade secret or otherwise exempt from public disclosure.

DO NOT IGNORE THIS REQUEST. Failure to respond to this request or the submission of false or misleading information may subject you and your officers and employees to further enforcement action by the Department.

A copy of this request has also been sent to Bill Baumgartner, environmental consultant for your site. You may consult with an LSP when preparing a response to this request. Note, however, that you, not your environmental consultant nor your LSP, are obligated to respond to this request. Send your complete response and required certifications to this request to:

Allen Wyman
Department of Environmental Protection
205A Lowell Street
Wilmington, MA 01887

The deadline given for a response to this request is an "Interim Deadline" enforceable under 310 CMR 40.0167. You may request an extension of this deadline in writing to the DEP auditor listed above. DEP, however, is not required to grant a request for an extension.

Note that you are obligated under 310 CMR 40.0165(2) to promptly provide DEP any information relevant to this "Request for Information" and correct any errors in your response to this "Request for Information" at any time in the future when you discover such information or errors.

INTERIM DEADLINE(S) FOR COMPLIANCE WITH THE MCP

Section 310 CMR 40.0167 of the MCP allows the Department to establish and enforce reasonable Interim Deadlines consistent with M.G.L. c. 21E in order to establish timeframes for responsible parties to perform response actions at disposal sites. In light of this, you are hereby notified that, at a minimum, the response actions above must be conducted at the subject site within the following Interim Deadlines:

- (1.) Within **7 calendar days** of the date of the issuance of this letter, you must notify the Department in writing acknowledging that you have been notified of and understand your obligation to undertake the response actions at the subject site pursuant to the timeframes established herein and in accordance with 310 CMR 40.0000.

- (2.) Submit an IRAP and schedule by **April 21, 1999**.

Please be advised that a Notice of Responsibility requiring the same response actions and Interim Deadlines was also sent to George R. Tombarello. As such, we urge that American coordinate response actions with Mr. Tombarello.

If you fail to voluntarily undertake the response action(s) necessary at the subject site within the Interim Deadline(s) established herein, the Department may perform such response actions and seek to recover the Department's costs and/or may initiate other appropriate enforcement actions to ensure that such response actions are conducted. The Department's decision to establish one or more Interim Deadlines in accordance with 310 CMR 40.0167 is not subject to M.G.L. c. 30A or any other law governing adjudicatory proceedings.

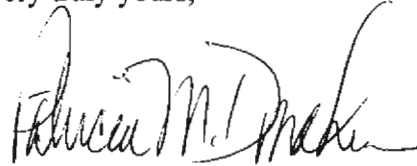
It is important to note that you must dispose of any Remediation Waste generated at the subject location in accordance with 310 CMR 40.0030 including, without limitation, contaminated soil and/or debris. Any Bill of Lading accompanying such waste must bear the seal and signature of an LSP or, if the response action is performed under the direct supervision of the Department, the signature of an authorized representative of the Department.

The Department encourages parties with liabilities under M.G.L. c. 21E to take prompt action in response to releases and threats of release of oil and/or hazardous material. By taking prompt action, you may significantly lower your assessment and cleanup costs and avoid the imposition of, or reduce the amount of, certain permit and annual compliance fees for response actions payable under 310 CMR 4.00.

Lawrence
3-18126
Page 6

If you have any questions relative to this notice, you should contact Allen Wyman at the letterhead address or (978) 661-7807. All future communications regarding this release must reference the Release Tracking Number (RTN) 3-18128 contained in the subject block of this letter.

Very truly yours,



Patricia Donahue
Chief, Audit Section
Bureau of Waste Site Cleanup

Enclosures: Attachment 1 - Request for Information
Attachment 2 - Certification of Submittal

cc: DEP/NERO, Data Entry/Files/NORINT (w/attachments)
Board of Health, 200 Common Street, Lawrence, MA 01840
Mayor, 200 Common Street, Lawrence, MA 01840
Tombarello Recycling, Inc., 35 Woodworkers Way, Seabrook, NH 03874
Attn: George R. Tombarello, President
Joseph Fitzgibbons, Attorney At Law, 126A Pleasant Valley St., Methuen, MA 01844
Attn: Joseph Fitzgibbons
W.Z. Baumgartner & Associates, Inc., P.O. Box 680369, 37068-0369,
310 Williamson Sq., Franklin, TN 37064
Attn: Bill Baumgartner, President

16817A.NOR

ATTACHMENT 1
REQUEST FOR INFORMATION

207 Marston Street
Lawrence, MA
RTN 3-18126

A separate response must be made to each of the questions in this Information Request. Please label each answer with the number of the request or question to which it responds.

This Information Request is a continuing request. That is, if information requested here which is not known or available to you as of the date of your response later becomes known or available to you, you must forward such information to the Department. In addition, if you discover at any time after submission of your response to this request that any portion of the information you have provided is false or misrepresents the truth, you must notify the Department immediately.

Note that you must provide in writing any specific information that is responsive to the request or questions even if that information has not been written previously in any document.

If you do not have any portion of the information requested in your possession, custody, or control, you should state this in your written response and identify the person/s from whom the information may be obtained.

Information and/or Documents Requested:

1. Please state whether American Recycling, Inc. or any subsidiary or division thereof, currently owns or operates any type of recycling, demolition, or disposal facilities within the state of Massachusetts other than Tombarello and Sons, Inc. If the answer to this is yes, please include for each facility:
 - a. The name, address, and operations manager of the facility;
 - b. A description of historical and current operations at the facility;
 - c. Whether a release of oil or hazardous materials has occurred at the facility; and
 - d. The Massachusetts Department of Environmental Protection Release Tracking Number for any facility currently registered with the Department's Bureau of Waste Site Cleanup.

2. Please state whether you, anyone acting on your behalf and/or any other person or entity under contract to you, or any person or entity acting on their own behalf and/or in the interest of the

Property (to the extent which you were informed), conducted any assessment, containment, or remedial activities at any facilities relative to a release or potential release of any oil and hazardous materials at or from the facilities listed in response to Question 1 above. Such information must also include Preliminary Environmental Site Assessments or other such studies conducted of the Property by you or any other entity. If your answer is yes, please:

- a. Describe in detail such assessment, cleanup, containment or removal activities and the date(s) those actions were conducted;
- b. Describe in detail any excavation and/or handling of excavated oil or hazardous waste contaminated soils, and any pumping, displacement and/or removal of oil or hazardous waste contaminated groundwater at the Property; and
- c. Produce a copy of all Preliminary Environmental Site Assessments or other such studies conducted of the Property and/or documents which relate to, refer to or evidence any assessment, cleanup, containment or removal activities of oil or hazardous waste contaminated soils and/or ground water.

Any answers to Question 2(a)(b) or (c) related to facilities already listed with the Department do not need to be answered if the information requested has previously been submitted to the Department as part of Remedial Actions required at such facilities. However, the Department requests any historical or additional information not submitted to the Department for such facilities.

3. Please produce a copy of all documents or records which relate to, refer to, or concern any information requested or identified in this Request for Information.

The Department encourages you to give this matter your immediate attention and to respond within the time specified above. Your response should be sent to me at the letterhead address. If you have any questions regarding this Request for Information, please contact Allen Wyman at the address stated above, or by telephone at (978) 661-7807.

ATTACHMENT 2

CERTIFICATION OF SUBMITTAL (310 CMR 40.0009)

*This certification must be included with your response to the
Request for Information*

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this submittal, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the person or entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information.

By: _____
Signature Date

Title

For: _____
Name of person or entity



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-101

Release Tracking Number

3 - 18126

RELEASE LOG FORM

A. LOG INFORMATION:

Log Date: 3/26/99
 Log Time: 09:00
 Check one: AM PM
 Use of Form: (check one)
 Initial Office
 Boston
 Amended
 TYPE OF CALL (check one):
 Release or TOR
 Complaint Inquiry
 CALLER (check one):
 PRP
 Public Safety Official
 Other Government Agency
 Citizen
 Anonymous
 LSP or PRP Agent
 Other Person: DEP Audits
 Reporting Person: Allen Wyman
 Telephone: 978 661 7600 Ext.: _____
 Organization: MADEP/NERO - Audits

DISPOSITION OF CALL (check the one most applicable disposition below):
 If selecting one of the two following options, assign a Release Tracking Number (RTN) in the space provided above:
 Reportable Release or Threat of Release
 Release or Threat of Release Less Than Reporting Threshold
 Select one of the two following options only if an RTN was previously assigned:
 Release Notification Retraction (with BWSC-103 only)
 Not a 21E Release
 If selecting any option below, do not assign an RTN:
 Release or Threat of Release Exempt from Reporting Requirements (not referred)
 Report Referred to Other Agency or Division
 Referred To:
 No Action Taken

B. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 207 Marston St. Location Aid: Tombrello & Sons, Inc.
 City/Town: Lawrence Adequately Regulated Status: _____ Fee Status: _____
 Type of Location (check all that apply): Commercial Industrial Residential School Municipal State
 Federal Right of Way Roadway Water Body Open Space Other:
 Release Tracking Number of Associated Transition or Tier Classified Site, if any: 3-16817

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION:

Notification Date, if different from log date: ~~01/21/99~~ 01/21/99 ^{Date NGR sent}
 "One Year" Status Date, if not one year after notification date: _____
 Date and time reporting person obtained knowledge of the Release or TOR. Date: 9/13/98 Time: _____ AM PM
 IF KNOWN, record date and time Release or TOR occurred. Date: _____ Time: _____ AM PM

Check all conditions that apply to the Release or Threat of Release:

2 HOUR REPORTING CONDITIONS

- Sudden Release
- Threat of Sudden Release
- Oil Sheen on Surface Water
- Poses Imminent Hazard
- Could Pose Imminent Hazard
- Release Detected in Private Well
- Release to Storm Drain
- Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- Subsurface NAPL = or > 1/2 Inch
- UST Release
- Threat of UST Release
- Release to Groundwater near Water Supply
- Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- Release of HM(s) to Soil or Groundwater > RC(s)
- Release of Oil to Soil > RC(s) and Affecting > 2 Cubic Yards
- Release of Oil to Groundwater > RC(s)
- Subsurface NAPL = or > 1/8 Inch and < 1/2 Inch
- Check here if Substantial Release Migration exists in connection with 120 Day Reporting Conditions

Source of Release or TOR (check all that apply): UST Pipe/Hose/Line AST Drums Transformer Boat
 Tanker Truck Vehicle Unknown Other Specify: Facility operations
 Federal LUST Eligible? Yes No Unknown

SECTION C IS CONTINUED ON THE NEXT PAGE.

The Following
Document Contains

Some Poor Quality

Originals



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-102A

Release Tracking Number

3-18126

RELEASE LOG FORM ATTACHMENT

A. LOG/RELEASE LOCATION INFORMATION: (complete if using BWSC-102A and 102B or BWSC-102A only)

City/Town: Lynn Date: 3/26/99 Time: 0700 AM PM
Release Address: 207 Weston St.
Use of Attachment (check one): Office Follow-up Attachment Page(s): 2 of: 2

B. ORAL PLAN SUMMARY: (check all that apply)

- | | |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> Removal of Contaminated Soils | <input type="checkbox"/> Deployment of Absorbent or Containment Materials |
| <input type="checkbox"/> Re-use or Recycling | <input type="checkbox"/> Temporary Covers or Caps |
| <input type="checkbox"/> On Site <input type="checkbox"/> Off Site Volume: <u> </u> cubic yards | <input type="checkbox"/> Bioremediation |
| <input type="checkbox"/> Treat <input type="checkbox"/> On Site <input type="checkbox"/> Off Site Volume: <u> </u> cubic yards | <input type="checkbox"/> Soil Vapor Extraction |
| Describe: <u> </u> | <input type="checkbox"/> Structure Venting System |
| <input type="checkbox"/> Store <input type="checkbox"/> On Site <input type="checkbox"/> Off Site Volume: <u> </u> cubic yards | <input type="checkbox"/> Product or NAPL Recovery |
| <input type="checkbox"/> Landfill <input type="checkbox"/> Cover <input type="checkbox"/> Disposal Volume: <u> </u> cubic yards | <input type="checkbox"/> Groundwater Treatment Systems |
| <input type="checkbox"/> Removal of Drums, Tanks or Containers | <input type="checkbox"/> Air Sparging |
| Describe: <u> </u> | <input type="checkbox"/> Temporary Water Supplies |
| <input type="checkbox"/> Removal of Other Contaminated Media | <input type="checkbox"/> Temporary Evacuation or Relocation of Residents |
| Specify Type and Volume: <u> </u> | <input type="checkbox"/> Fencing and Sign Posting |
| <input type="checkbox"/> Other Response Actions Describe: <u> </u> | |

Check here if this Release or Threat of Release is a candidate for future presumptive approval of an IRA or RAM Written Plan

Check one of the following: Oral IRA Plan Approval Oral RAM Plan Approval Oral IRA Plan Modification Approval

Other Comments:

C. ADDITIONAL INVOLVED PERSON INFORMATION:

Check One: PRP PRP Local Contact Other Person Performing Response Action

Other Relationship Specify:
Name of Organization: George R. Tamborillo
Name of Contact: Title:
Street: 35 Waverley Way
City/Town: Andover
Telephone: 978 3474 3321 Ext:

Check here if this person received a field NOR
State: MA ZIP Code: 01824
FAX: 978 3474 3322

D. DEP ASSIGNMENT: (complete if using only BWSC-102A)

Preparer of RLFA (please print): Allen Wyman Signature: Allen Wyman
Staff Lead Assigned (if different from preparer): N/A - L

Check here if the Release or Threat of Release is unassigned
 Check here if this RLFA records a change in staff lead



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-101

Release Tracking Number

3-18126

RELEASE LOG FORM

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION: (continued)

Type of Release or TOR (check all that apply): Leak Spill Rupture Dumping Tank Removal Overfill
 Vehicle Accident Test Failure Fire Threat Only Unknown Other Specify: _____

Identify Media and Receptors Affected: (check all that apply) Air Groundwater Surface Water Sediments Soil
 Wetlands Storm Drain Paved Surface Private Well Public Water Supply Zone 2 Residence
 School Unknown Other Specify: _____

O or HM Released	(check one)	CAS # (if known)	Amount or Conc.	Units	RCs Exceeded?
PCB	<input type="checkbox"/> O <input checked="" type="checkbox"/> HM		59 ppm	ppm	IH condition of 10 ppm 5 ppb 5 ppb
PCE	<input type="checkbox"/> O <input checked="" type="checkbox"/> HM		7.1	ppb	
Benzene	<input checked="" type="checkbox"/>		13.6	ppb	

Description of Release or Threat of Release:

Release of oils & chlorinated solvents to soil & groundwater

D. PRP INFORMATION:

PRP Unknown PRP Performing Response Actions Check here if additional involved parties are listed on an RLFA
 PRP Unwilling or Unable to Perform Response Actions. Who is? DEP Other Person Who: _____

Name of PRP Organization: American Recycling, Inc
 Name of PRP Contact: Michael Price Title: President
 Street: P.O. Box 76161 Check here if this PRP received a field NOR.
 City/Town: Highland Heights KY State: KY ZIP Code: 41076
 Telephone: 606 572-0199 Ext.: _____ FAX: 606 572-0299

E. CONTRACTOR:

Contractor Name: W.Z. Baumgartner Telephone: 615 595 0025 Ext.: -
 Name of Contact: Bill Baumgartner Check here if this is a State Contractor.

F. LSP:

LSP Name: _____ LSP Number: _____
 Telephone: _____ Ext.: _____ FAX: _____

G. MCP RESPONSE ACTIONS: (check any that apply)

IRA Assessment Only IRA Oral Plan Approved* IRA Oral Plan Denied
 Oral RAM Plan Approved* Oral RAM Plan Denied Notice of Intent to Conduct a URAM

Date of Action, if different from Log Date: _____ * Provide details of approved plans on an RLFA.

Check here if soil was removed from the site prior to notification. Check here if the soil was removed as part of an UST closure.

Quantity of soil previously removed and destination: _____

H. DEP ASSIGNMENT:

RNF Submittal Requested: No Yes From Who: _____

Provisions of 21E Explained: Yes No Why Not: _____

Prepared By: Allen Hayman

Regional Use: _____

Signature: *Allen Hayman*

Number of RLFA Pages Attached: _____

Staff Lead Assigned (if different from Preparer): N/A-L

Check here if Release or TOR is unassigned.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-102B

3-18126 ✓
Release Tracking Number

RELEASE LOG FORM ATTACHMENT

3-116317

E. LOG/RELEASE LOCATION INFORMATION: (complete if using only BWSC-102B)

City/Town: Lawrence Date: 7/28/99 Time: 1600 AM PM

Release Address: 207 Marston Street

Use of Attachment (check one): Initial C&E - Announced Initial C&E - Unannounced C&E - Announced C&E - Unannounced

Attachment Page(s): 1 of 1 Office Follow-up Field - Direct Oversight Field Follow-up or Other

F. ADDITIONAL DESCRIPTION:

Allen Wyman & Zachary Peters of the
BWSC / NERO conducted an announced
compliance inspection of the Tombarello
facility on:

February 17, 1999

G. DEP ASSIGNMENT: (complete if using BWSC-102A and 102B or BWSC-102B only)

Preparer of RLFA (please print): Allen Wyman

Signature: [Signature]

Staff Lead Assigned (if different from preparer):

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.