SCANNED

WEB ENGINEERING ASSOCIATES, INC.

106 LONGWATER DRIVE NORWELL, MASSACHUSETTS 02061 781-878-7766 • FAX: 781-878-8004 1-800-273-7289

IMMEDIATE RESPONSE ACTION COMPLETION REPORT

Bossi's Automotive Service, Inc. 12 Swanton Street Winchester, Massachusetts

MADEP Site No.: 3-18598

April 3, 2001

Petroleum, Chemical Operations Engineering - Tank Management - Remediation Systems - Hazardous, Solid Waste Systems - Site Investigations - Regulatory Compliance

WEB ENGINEERING ASSOCIATES, INC.

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April 3, 2001

MADEP-NERO Bureau of Waste Site Cleanup 205A Lowell Street Wilmington, MA 01887

RE: IRA Completion Report

Bossi's Automotive Service, Inc. 12 Swanton Street Winchester, Massachusetts

MADEP Site No.: 3-18598 Web File No.: 00-E-033

To Whom it May Concern:

On behalf of Bossi's Automotive Service, Inc. (Bossi), Web Engineering Associates, Inc. has prepared the attached Immediate Response Action (IRA) Completion Report. A written IRA Plan, prepared by Web Engineering was submitted for the site on December 18, 2000. The IRA Plan proposed the proper removal and disposal of stockpiled contaminated soil from the site and the assessment of existing subsurface conditions.

Should you have any questions, please contact us anytime.

Very Truly Yours, Web Engineering Associates, Inc. Steven W. Rumba, LSP

Senior Project Manager

cc: Mr. John Bossi
 Bossi's Automotive Service, Inc.
 12 Swanton Street
 Winchester, MA 01890

	Massachuse	tts Department	of Enviror	nmental Protection	BWSC-1
	Dureau of was	sie one cieanup			Release Tracking Nu
DEP	IMMEDIATE RE TRANSMITTA	SPONSE ACTIO)N (IRA) t to 310 CMR 40.	0424 - 40.0427 (Subpart D)	3 - 18598
A. RELEASE OR T	HREAT OF RELEASE	LOCATION:			
Release Name: (optiona	() Bossi's Automotive	Service, Inc.			
Street: 12 Swanton	Street		Locatio	n Aid:	
City/Town: Winches	ter		ZIP Cod	_{le:} 01890	···
Check here if a Ti	er Classification Submittal	has been provided to DEI	P for this Release 1	Fracking Number.	
Check here if this	location is Adequately Reg	julated, pursuant to 31 0 (CMR 40.0110-0114		
Specify Program:		WA Corrective Action	Solid Waste N	fanagement 📄 RCRA State	Program (21 C Facilities
Related Release Track	ing Numbers That This IR/	A Addresses:			
B. THIS FORM IS E	BEING USED TO:	(check all that apply)		· · · · · · · · · · · · · · · · ·	
Submit an IRA Pla	an (complete Sections A, 13	3, C, D, E, H, 1, J and K).			
Check here	if this IRA Plan is an undat	te or modification of a pre-	viously approved w	πitten IRA Plan. Date Submitted:	
	ont Hazard Evaluation /or	omplete Sections A. R. C.	E H I Land K)		
		Inplete Sections A, B, C,	г, п, i, з ана к).		
Submit an IRA St	atus Report (complete Se	ections A, B, C, E, H, I, J a	ind K).		
Submit a Reques	t to Terminate an Active (complete Sections A, B,	Remedial System and/o C, D. E, H, I, J and K).	or Terminate a Co	ntinuing Response Action(s) T	aken to Address an
Submit an IRA Co	ompletion Statement (cor	mplete Sections A, B, C, I	D, E, G, H, I, J and	К.	
Υοι	i must attach all support any Legal Not	ing documentation requi	ired for each use blic Officials requi	e of form indicated, including ca ired by 310 CMR 40.1400.	opies of
Vetland School Identify Conditions The 72 Hour Rep Describe: PID n	Storm Drain [] JUnknown Of at Require IRA, Pursuant t norting Condition(s) cadings >100 ppm in [Peved Surface Pi ther Specify: 0 310 CMR 40.0412: (cho Substantial Releas JST excavation	e Migration	Public Water Supply Z	ition(s)
Identify Oils and Hazar	rdous Materials Released: pecify: <u>Gasolinc</u>	(check all that apply)	Oils	Chlorinated Solvents	Heavy Metals
Identify Oils and Hazar Others S D. DESCRIPTION (rdous Materials Released: pecify: <u>Gasoline</u> DF RESPONSE ACTIO	(check all that apply)	Oils	Chlorinated Solvents	Heavy Metals
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Identify Oils and Haza Others S D. DESCRIPTION (Assessment and/ Excavation of Cor	rdous Materials Released: specify: <u>Gasoline</u> OF RESPONSE ACTIC or Monitoring Only staminated Soils	(check all that apply)	Apply)	Chlorinated Solvents Deployment of Association Temporary Coverso Cap	Heavy Metals
Identify Oils and Haza Others S D. DESCRIPTION (Assessment and/ Excavation of Cor	rdous Materials Released: specify: <u>Gasoline</u> OF RESPONSE ACTIC or Monitoring Only staminated Soils ycling or Treatment	(check all that apply)	Oils	Chlorinated Solvents Chlorinated Solvents Deployment of Assocration Femporary Coversity Cap Bioremediation	Heavy Metals
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Identify Oils and Haza Others S D. DESCRIPTION (Assessment and/) Excavation of Cor Excavation of Cor C On Site Describe: <u>at</u> Store	rdous Materials Released: specify: <u>Gasoline</u> DF RESPONSE ACTIC or Monitoring Only staminated Soils yoling or Treatment Off Site Est. sphalt batch On Site Off S	(check all that apply) DNS: (check all that Vol.: <u>30</u>	<pre>Oils apply) cubic yards cubic yards</pre>	Chlorinated Solvents Chlorinated Solvents Deployment of Associate Temporary Coverso Cap Bioremediation Soil Vapor Extraction APA Structure Venting System Product of Bap, Record	Heavy Metals Tr Containment Materia CEIVE - 4 2001 EP
Identify Oils and Haza Others S D. DESCRIPTION (Assessment and/ Excavation of Cor Excavation of Cor C On Site Describe: a: Store Landfill	rdous Materials Released: specify: <u>Gasoline</u> OF RESPONSE ACTIC or Monitoring Only staminated Soils ycling or Treatment <u>Soff Site</u> Est. <u>sphalt batch</u> On Site Off S <u>cover</u> Dispo	(check all that apply) DNS: (check all that Vol.: <u>30</u>	Oils apply) cubic yards cubic yards cubic yards	Chlorinated Solvents Chlorinated Solvents Deployment of Association Femporary Coversb Cap Bioremediation Soil Vapor Extraction APA Structure Venting System Product of Bap Records Groundwater Treatment Femaleure	Heavy Metals
Identify Oils and Haza Others S D. DESCRIPTION (Assessment and/) Excavation of Cor Excavation of Cor C Re-use, Rec On Site Describe: <u>at</u> Store Landfill Removal of Drum	rdous Materials Released: specify: Gasoline DF RESPONSE ACTIC or Monitoring Only ttaminated Soils yoling or Treatment On Site Est. sphalt batch On Site Off S cover Dispo s, Tanks or Containers	(check all that apply) ONS: (check all that Vol.: <u>30</u>	Oils apply) cubic yards cubic yards cubic yards cubic yards	Chlorinated Solvents Chlorinated Solvents Deployment of Associate Temporary Coversio Cap Bioremediation Soil Vapor Extraction APA Structure Venting System Producty (Stap) Recover Groundwater Treatment of Air Sparging	Heavy Metals Tr Containment Materia CEIVE R - 4 2001 EP MONAL OFFIC

Supersedes Forms BWSC-005, 006, 010 (in part) and 011 Do Not Alter This Form

Massachusetts Department of Environment	tal Protection	BWSC-105
Bareau of Waste One Oreanap		Release Tracking Number
IMMEDIATE RESPONSE ACTION (IRA)		2 19509
DECEM IRANSMITTAL FORM Pursuant to 310 CMR 40.04	24 - 40.0427 (Subpart D)	3 - 18398
D. DESCRIPTION OF RESPONSE ACTIONS (continued):	Temporary Execution 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 usin Technologies Clearinghouse).	ng this information to aid in cre	eating an Innovative
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: Aggregate Industries		
Town and State: Stoughton, MA		
Quantity of Remediation Waste Transported to Date: 20.37 tons		
F. IMMINENT HAZARD EVALUATION SUMMARY: (check one of the following)	• • • •	
Based upon an evaluation, an Imminent Hazard exists in connection with this Release or Th	rreat of Release.	
Based upon an evaluation, an Imminent Hazard does not exist in connection with this Relea	se or Threat of Release.	
Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection assessment activities will be undertaken.	with this Release or Threat of	Release, and further
Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection response actions will address those conditions that could pose an Imminent Hazard.	with this Release or Threat of	Release. However,
G. IRA COMPLETION STATEMENT:		
Check here if future response actions addressing this Release or Threat of Release will be for a Site that has already been Tier Classified under a different Release Tracking Number, described in 31 0 CMR 40.0600 (i. e., a Transition Site, which includes Sites with approved occur according to the deadlines applicable to the earlier Release Tracking Number (i. e., S	conducted as part of the Resp , or a Site that is identified on t I Waivers). These additional re ite ID Number).	onse Actions planned he Transition List as sponse actions must
State Release Tracking Number (i. a., Site I D Number) of Tier Classified Site or Transition :	Site:	
If any Remediation Waste will be stored, treated, managed, recycled or reused at the Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Pha appropriate transmittal form, as an attachment to the IRA	e site following submission ase IV Remedy Implementat Completion Statement.	of the IRA Completion lon Plan, along with the
H. LSP OPINION:		
I attest under the pains and penalties of perjury that I have personally examined and am familiar v documents accompanying this submittal. In my professional opinion and judgment based upon a 4.02(f), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 C information and belief,	with this transmittal form, includ opplication of (i) the standard o CMR 4.03(5), to the best of my	ling any and all f care in 309 CMR knowledge,
• If Section B of this form indicates that an <i>immediate Response Action Plan</i> is being submitted this submitted (i) has (have) been developed in accordance with the applicable provisions of M.G.I appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approv	ed, the response action(s) that L. c. 21 E and 310 CMR 40.00 the applicable provisions of M als identified in this submittal;	is (are) the subject of 00, (ii) is (are) .G.L. c. 21 E and 31 0
• If Section B of this form indicates that an Imminent Hazard Evaluation is being submitted, this accordance with the applicable provisions of M.G.L. c. 21 E and 31 0 CMR 40.0000, and all asses Imminent Hazard Evaluation complies(y) with the applicable provisions of M.G.L. c. 21 E and 31 0	s Imminent Hazard Evaluation ssment activities(y) undertaken) CMR 40.0000;	was developed in to support this
 if Section B of this form indicates that an Immediate Response Status Report is being subm. of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.C appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approv 	itted, the response action(s) th G.L. c. 21 E and 310 CMR 40.0 the applicable provisions of M als identified in this submittal;	nat is (are) the subject 0000, (ii) is (are) .G.L. c. 21 E and 31 0
• if Section B of this form indicates that an immediate Response Action Completion Statements System and/or Terminate a Continuing Response Action(s) Taken to Address an imminer that is (are) the subject of this submittal (i) has (have) been developed and implemented in accom- and 31 0 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of su- provisions of M.G.L. c. 21 E and 31 0 CMR 40.0000 and (iii) complies(y) with the identified provisi his submittal	ent or a Request to Terminat nt Hazard is being submitted, dance with the applicable prov ch response action(s) as set fo ions of all orders, permits, and	te an Active Remedial the response action(s) isions of M.G.L. c. 21E orth in the applicable approvals identified in
	PAGE.	
Revised 2124/95 Supersedes Forms BWSC-005_006_01_0 (in	nort) and 01 I	Page 2 of

Supersedes Forms BWSC-005, 006, 01 0 (in part) and 01 I

Release Treck MMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)] [1899 [16] [Aassachusetts Depa Bureau of Waste Site	rtment of Env Cleanup	ironmental Protection	BWSC-1
Image: Sevent W. Runbarts Response Action (IRA) Image: Sevent W. Runbarts and the provided in the prior of the prio	tin Mille				Release Tracking Num
ALSP CMARA 21 23		MMEDIATE RESPON	ISE ACTION (I	RA)	
H. LSP Opinion (continued): Lam aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if i submit information which I know miscourds of makenia by incomplexes. Defe of EAN If the box is checked, you MUST attach a statement of dearlying the applicable provisions thereing, and the provision thereing of the september of the sector of	DEPT	RANSMITTAL FOR	M Pursuant to 310	CMR 40.0424 - 40.0427 (Subpart D) 3 - 18598
Iam aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I known increases or materially incomplete. Check hare if the Response Action(c) on which this opinion is based, if any, are (were) subject to any order(c), permit(c) and/or approval(c) DEP or EPA. If the box is checked, you MUST attach a statement densitying the applicable provisions thereof. LSP Name: Staven W. Rumba LSP # 9832 Stamp: Signature: 4-20 Stamp: Stamp: Attach a statement densitying the applicable provisions thereof. Telephone: Telephone: 1. PERSON UNDERTAKING IRA: Interest of the Response Action(c) on which this opinion is based. If any, are (were) subject to any order(c), permit(c) and/or approval(c) Signature: 4-20 Stamp: Stamp: Bignature: 4-20 None of Organization: Boosti State: Tale: Signature: 1.9 ERATION Street State: MA zip Code: Oldson Check hare if there has been a change in the person undefaking the RA. Action of PREP Specify: Querator FAX: (optional) M RELATION SHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one) Ref PR PS Specify: Querator Querator Querator Querator Querator Querato	LSP Opinion (cor	tinued):			
□ Check here if the Response Action(s) on which this opinion is based, fary, are (were) subject to any order(s), pormit(s) and/or approval(s) □ DEP or EPX. If the box is checked, you MUST attach a attachment identifying the applicable provision thereor, pormit(s) and/or approval(s) □ DEP or EPX. □ Talaphone: 1.8P # 9882. □ Talaphone: 1.8P # 9882. □ Talaphone: 1.8P # -2 -0.1 □ Talaphone: 0.4 -2 -0.1 □ Talaphone: 0.4 -2 -0.1 □ Talaphone: 0.80 Stills □ Talaphone: 1.80 Stills □ Talaphone: 1.81 Stills:	n aware that significan ccurate or materially in	t penalties may result, including, t complete.	out not limited to, possil	ble fines and imprisonment, if I submit info	rmation which I know to be f
LSP Name: Steven W. Rumba LSP # 9882 Stamp: Taiophone: 781-878-7766 Ext ' Stamp: FAX: (optional A - Z - 0.1 Stamp: Stamp: Date: A - Z - 0.1 Stamp: Stamp: Stamp: Date: A - Z - 0.1 Stamp: Stamp: Stamp: Date: A - Z - 0.1 Stamp:	Check here if the Re DEP or EPA. If the	sponse Action(s) on which this op xx is checked, you MUST attach	oinion is based, if any, a a statement identifying	re (were) subject to any order(s), permit(s the applicable provisions thereof) and/or approval(s) issued
Tetephone: 781-878-7766 Ext' FAX: (optional) Stephone: Stephone: Signature: 4-2.00 Stephone: 1. PERSON UNDERTAKING IRA: Name of Organization: Bossi's Automotive Service, Inc. Name of Organization: Bossi's Automotive Service, Inc. Name of Organization: State: MA ZIP Code: Oll890 City/Town: Winchester State: City/Town: State: MA Check here if there has been a change in the person undertaking the IRA. I. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one) Image: May case defined by MG.L. c. 21 E, s. 2) Operator Image: May case defined by MG.L. c. 21 E, s. 5() Agency or Public Utility on a Right of Way (as defined by MG.L. c. 21 E, s. 5()) Any Other Person Undertaking IrA Specify Relationship:	P Name: <u>Steven W.</u>	Rumba	LSP #' <u>9882</u>	_ Stamp:	MASSIC .
FAX: (optional A - Z - O Date: A - Z - O Date: A - Z - O Date: A - Z - O I. PERSON UNDERTAKING IRA: Name of Organization: Bossi's Automotive Service, Inc. Name of Organization: Tale: Street: Image: Dotter Street Chy/Town: Winchester State: MA Zip Code: 1890 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: J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: J. RELATION SHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: J. Report PR Specify: Operator Operator Generator Fliduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21 E, s. 2) Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21 E, s. 50) Any Other Person Undertaking IRA Specify Reliationship: K. CERTIFICATION OF PERSON UNDERTAKING IRA: I. InDi Bossi Taile: Undertake and complete, and (ii) that I analy authorder to make this attestation on behalf of the surtice and complete, and (ii) that I analy authordereat concate a	ephone: <u>781-878-7</u>	166	Ext '		IN E
Signature: 4-2-01 Date: 4-2-01 1. PERSON UNDERTAKING IRA: Name of Organization: Bossi's Automotive Service, Inc. Name of Contact: John Bossi Street: 219 Code: City/Town: Winchester Street: State: MA: Applications: City/Town: Winchester Street: State: MA: Caplications: City/Town: Winchester Street: State: Check there 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) MR: Por PRP Specify: @ Owner @ Operator Generator Fiduciary, Secured Lender or Municipality with Exampt Status (as defined by M.G.L. c. 21 E, s. 2) Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21 E, s. 50) Any Other Person Undertaking IRA Specify Relationship: K. CERTIFICATION OF PERSON UNDERTAKING IRA: (John Bossi Tarillar with the information contained in this submittal, including way and all documents accompanying this transmittal form, (i) that, based on mot of	X: (optional)	\bigcap		RUMB	
Signature:				No. 980	
Date:	inature:				
1. PERSON UNDERTAKING IRA: Name of Organization: Bossi's Automotive Service, Inc. Name of Contact: John Bossi Street: 12 Swanton Street City/Town: Winchester Street: 12 Swanton Street City/Town: Winchester Street: 12 Swanton Street Check here if there has been a change in the person underfaking the IRA. J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: I. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: I. Reporting: Societed Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21 E, s. 2) I. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21 E, s. 50)) I. Any Other Person Undertaking IRA Specify Relationship: K. CERTIFICATION OF PERSON UNDERTAKING IRA: I. John Bossi Influe information contained in this submittal, including any and all documents accompanying this transmittal form, (b) that, based on motiose influe influe penson influe metain information contained in this submittal information free metaina information contained in this submittal information free and complete, and city authorized to make this attestation on behalf of the entity legally respon this submittal. Information contained in this submittal inder deards aware that there	te:	1-2-01			ALCON A
Name of Organization: JOUSN'S AUDULIOUVC SUVICE, Int. Name of Contact: John Bossi Street: 12 Swanton Street City/Town: Winchester State: MA ZIP Code: 01890 Check here if there has been a change in the person undertaking the IRA.		AKING IRA:		,	
Name u Contact: Outro Contact: Street: 12 Swanton Street City/Town: Winchester Street: 12 Swanton Street City/Town: Winchester Street: 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) R P or PRP Specify: Owner Operator Generator Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21 E, s. 2) Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21 E, s. 50)) Any Other Person Undertaking IRA Specify Relationship:	me of Organization:	Bossi		Title OWNET	·
City/Town: Winchester State: MA ZIP Code: 01890 City/Town: Winchester FAX: (optional)	net 12 Swanton St	reet	<u> </u>		
Telephone: 781-721-0162 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) R P or PRP Specify: Ø Owner Ø Operator Generator O transporter O ther RP or PRP: Flduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21 E, s. 2) Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21 E, s. 50)) Any Other Person Undertaking IRA Specify Relationship:	Wincheste	<u>госс</u>		- State: MA ZIP Code: 018	390
Telephone: OIT-21-0102 Check here if there has been a change in the person undertaking the IRA. Check here if there has been a change in the person undertaking the IRA. I. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one) R P or PRP Specify: @ Owner @ Operator @ Generator O transporter Other RP or PRP:	781_721_0	162		EAX: (options)	
Creack here it mere has been a change in the person undertaking the IKA. J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one) RP or PRP Specify: ②Owner ③ Operator ③ Generator ① Transporter ③ Other RP or PRP: Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21 E, s. 2) Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21 E, s. 50)) Any Other Person Undertaking IRA Specify Relationship:	ephone: <u>701 721 0</u>				
Any Other Person Undertaking IRA Specify Relationship:	Fiduciary, Secured I Agency or Public Ut	ender or Municipality with Exemp. Nity on a Right of Way (as defined.	t Status (as defined by by M.G.L. c. 21 E, s. 5	M.G.L. c. 21 E, s. 2))))	
K. CERTIFICATION OF PERSON UNDERTAKING IRA: 1. John Bossi familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on m 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 fines and impresonment, for willfully submittal is made anvis aware that there are significant penelties, including, but not lim possible fines and impresonment, for willfully submitting false, inaccurate, or incomplete information. By:	Any Other Person L	Indertaking IRA Specify Relation	ship:	· · · · · · · · · · · · · · · · · · ·	
By:	CERTIFICATION Iohn Bossi niliar with the informati those individuals imme wiledge and belief, tru s submittal. Vthe perso ssible fines and impre-	OF PERSON UNDERTAKIN on contained in this submittal, incl diately responsible for obtaining th a, accurate and complete, and (iii) n or entity on whose behalf this su onment, for willfully submitting fals	G IRA: , attest under the pains uding any and all docur le information, the mate that I am fully authorize ibmittal is made am/is a le, inaccurate, or incom	and penallies of perjury (i) that I have pers nents accompanying this transmittal form, rial information contained in this submittal d to make this atlestation on behalf of the ware that there are significant penalties, ir plete information.	conally examined and am (ii) that, based on my inquir is, to the best of my entity legally responsible for ncluding, but not limited to,
By:	$\sim 1/c$	1 (Sma			
For Bossi's Automotive service, Inc. (print name of person or entity recorded in Section 1) Date:	(signature)	11-2000			
(print name of person or entity recorded in Section 1) Enter address of the person providing certification, if different from address recorded in Section V Street: City/Town: State: State: ZIP Code: Telephone: Ext.; FAX: (optional)	Bossi's Automotiv	e service, Inc.		- Date: 4-02-01	
Enter address of the person providing certification, if different from address recorded in Section V Street: City/Town: State: ZIP Code: Telephone: Ext.; FAX: (optional)	(print name of person	or entity recorded in Section 1)			• • • • • • •
Street:	ter address of the per	son providing certification, if differ	ent from address record	ed in Section V	
City/Town:	4.				
Telephone: FAX: (optional)	eet:				
	eer:				
YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMEN INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.	eer: y/Town: ephone:		Ext.:	_ FAX: (optional)	

1. GENERAL DISPOSAL SITE INFORMATION

The site (RTN #3-18598) is located on the south side of Swanton Street, just west of the intersection of Washington Street, in Winchester, Massachusetts (Figure 1). The only structure on the 13,716 square foot property is a one-story building housing an auto repair garage and related office space (Figure 2). The front and side portions of the property are paved and used for parking automobiles. The rear portion of the property is unpaved and used as a tow lot. The surrounding land use is both residential and commercial and there are no institutions within 500 feet.

The site is at an elevation of approximately 50 feet above mean sea level and the topography slopes gently to the west. The nearest surface water body is the Aberjona River located approximately 2,000 feet west of the site. According to the Mass GIS Map of the site vicinity, the site is not located within a Zone II, Interim Wellhead Protection Area (IWPA), or Potentially Productive Aquifer (PPA). There are no private drinking water wells or public surface water supplies in the site vicinity. Accordingly, the site does not meet any of the criteria for a Current or Potential Drinking Water Source Area as set forth in the MCP. There are no Areas of Critical Environmental Concern, or habitats of Species of Special Concern or Threatened or Endangered Species within 500 feet of the site.

2. RELEASE HISTORY

On July 8, 1999, Subsurface Remedial Technologies, Inc. (SRT) sampled soils from an excavation that resulted from the removal of several USTs in May 1999. The soil samples were screened using the jar headspace method. SRT reported jar headspace readings of up to 275 ppm in the soils from the excavation. Bossi subsequently contracted SRT in August 1999 to provide LSP services.

A release of oil and/or hazardous materials (OHM) was verbally reported to the MADEP-NERO by SRT on September 5, 1999 along with a verbal IRA Plan to excavate and stockpile up to 200 cubic yards of contaminated soil. The site was assigned RTN #3-18598. SRT resigned as LSP of record for the site on October 31, 1999 prior to completion of any remedial work or reporting.

A Notice of Responsibility (NOR) was issued by the MADEP-NERO on November 19, 1999 and a Notice of Noncompliance (NON) was issued on November 7, 2000. The NON stated that no Release Notification Form (RNF), Immediate Response Action (IRA) Status Report, or Tier Classification Submittal had been submitted by the applicable deadlines. Therefore, the site was classified as a default Tier IB Site.

Web Engineering was contracted by Bossi in October 2000 to conduct a Phase I Initial Site Investigation and to bring the site into compliance with the requirements of the MCP. An RNF and written IRA Plan were submitted for the site on December 18, 2000. The IRA Plan consisted of the sampling, analysis and proper disposal of a 20 cubic yard stockpile of contaminated soil, generated during the UST removals and an assessment of subsurface conditions. The IRA work has been completed and a Tier Classification Submittal has been prepared for the site.

3. IRA WORK CONDUCTED AT THE SITE

The following IRA work has been conducted at the site in accordance with the written IRA Plan:

3.1. Sampling and Disposal of Stockpiled Soil

A stockpile of approximately 20 cubic yards of contaminated soil was generated during the tank removal operations in May 1999. A composite sample of the stockpiled soil was collected on December 18, 2000 and submitted for laboratory analysis. The soil was analyzed for the acceptance criteria for asphalt batch recycling. The results of the analyses (Appendix A) indicated that the soils met the acceptance criteria of the Aggregate Industries facility in Stoughton, Massachusetts.

Arrangements to ship the soil were made in December 2000; however, shipment was delayed due to the frozen condition of the soil stockpile. The soils were finally shipped to the Aggregate Industries facility on March 29, 2001 under an LSP approved Bill of Lading. The original Bill of Lading and associated documents are attached in Appendix B.

3.2. Assessment of Subsurface Conditions

Web Engineering has conducted subsurface investigations at the site to determine the existing contaminant levels in the soil and groundwater at the site. The results of the assessment were used to prepare a Phase I Report and Tier Classification Submittal which is being submitted simultaneously with this report.

3.2.1. Soil Borings and Monitoring Well Installation

In order to determine the groundwater flow direction and the presence and extent of any contaminants in the subsurface soils or groundwater, four (4) monitoring wells (MW-1 through MW-4) were installed on October 13, 2000. Drilling was conducted by Soil Exploration of Leominster, Massachusetts, under the supervision of Web Engineering personnel. The locations of the monitoring wells are shown on Figure 2.

The borings for all four wells were advanced 6-8 feet into the water table or to refusal. The total depths of the borings varied from 16 to 19 feet below grade. Soil samples were obtained at five-foot intervals in each boring. The soil samples were logged by an on-site geologist. Soils encountered in all borings consisted of fine, silty sand and gravel fill material to depths of approximately 6-8 feet overlying dense glacial till. Refusal on bedrock was met at depths between 16 and 19 feet. Boring logs are appended to the Tier Classification Submittal.

Two-inch diameter schedule 40 PVC monitoring wells were installed in all four borings. The wells were set using 10 foot 0.010 slot well screens installed approximately several feet into the water table. The annular space around the well screens was backfilled with environmental sand and a one-foot thick bentonite seal were placed above each well screen. A bolted, watertight road box and expansion plug was placed on each well and sealed with concrete.

Three of the monitoring wells were gauged on October 24, 2000. One well (MW-2) had been destroyed by a tow truck shortly after it was installed. Well gauging consisted of measuring the depth to groundwater relative to the rim of the road box at each well with an interface probe. The relative elevations of the road boxes were determined using an automatic level and a surveyor's rod. With this data, the elevation of the water table at each well was also determined (Table 1). The interface probe was also used to determine the presence and thickness of any non-aqueous phase liquids (NAPL). No NAPL was observed in any of the wells.

Well ID	Top of Well Elevation (feet)	Depth to Groundwater (feet)	NAPL Thickness (feet)	Groundwater Elevation (feet)
MW-1	99.68	13.70	none	85.98
MW-3	98.85	13.20	none	85.65
MW-4	98.08	13.34	none	84.74

Table 1. Well Gauging Data: October 24, 2000

Groundwater contours were plotted using the well gauging information (Figure 2). Review of the contours indicates a groundwater gradient sloping to the northwest. In an unconfined aquifer, groundwater flow is in the down gradient direction, perpendicular to groundwater contours. Therefore, the groundwater flow direction at the subject site is to the northwest, toward the Aberjona River.

3.2.2. Analysis of Soils

All soil samples collected during the installation of the most recent soil borings were analyzed for total organic vapors (TOV) using a photoionization detector (PID) and the jar headspace method (Table 2).

Well	Depth	TOV (ppm)
MW-1	0' - 2'	0.0
	5' - 7'	0.0
	10 ' - 12'	110
	15' - 17'	16.0
MW-2	0' - 2'	4.6
	5' - 7'	1.8
	10' - 12'	0.0
	15' - 16'	0.0
MW-3	0' - 2'	0.0
	5' - 7'	4.6
	10' - 12'	828
	15' - 17' -	>1,000
MW-4	10' - 12'	14.8
	15' - 15.5'	>1,000

The results report the presence of organic vapors in all four borings. The organic vapor levels in saturated soils (>13 feet below grade) in MW-3 and MW-4 exceeded the limits of the PID.

Where an adequate sample volume was obtained, the soil sample with the highest TOV reading from each boring was submitted for laboratory analysis. Otherwise the sample with the next highest reading was collected. The samples were analyzed for extractable petroleum hydrocarbons (EPH) and targeted polynuclear aromatic hydrocarbons (PAHs) by the MADEP approved method. The same samples from MW-1, MW-3, and MW-4 were also analyzed for volatile petroleum hydrocarbons (VPH) and targeted volatile organic compounds (VOCs) by the MADEP approved method. No analyses for volatile compounds were conducted on the soil from MW-2, due to low TOV readings. The results of the laboratory analyses of the soil samples are summarized in Table 3.

EPH Ranges	S-3/GW-2	MW-1	MW-2	MW-3	MW-4
		(10'-12')	(10'-12')	(10'-12')	(15'-15.5')
n-C9 to n-C18 Aliphatics	5,000	<31	<31	<30	350
n-C19 to n-C36 Aliphatics	5,000	<31	<31	<30	<33
n-C11 to n-C22 Aromatics	5,000	<31	<31	<30	120
Target PAHs					
Naphthalene	1,000	<0.51	<0,52	<0.50	29
2-Methylnaphthalene	2,000	<0.51	<0.52	<0.50	26
Phenanthrene	2,500	<0.51	<0.52	<0.50	<0.55
Acenaphthene	5,000	<0.51	<0.52	<0.50	< 0.55
VPH Ranges		·			
n-C5 to n-C8 Aliphatics	500	<1.0	NA	2.0	2,100
n-C9 to n-C12 Aliphatics	5,000	1.9	NA	2.2	<33
n-C9 to n-C10 Aromatics	500	<1.0	NA	1.4	2,400
Target VOCs					
MTBE	200	<0.10	NA	<0.10	10
Benzene	100	<0.10	NA	<0.10	<3.3
Toluene	500	<0.10	NA	<0.10	470
Ethylbenzene	2,500	<0.10	NA	<0.10	170
Total Xylenes	500	<0.13	NA	<0.13	840
Naphthalene	1,000	<0.10	NA	< 0.10	60

Table 3: Laboratory Analysis of Soils - October 13, 2000

All results are reported in ppm (mg/Kg)

Laboratory reports are appended to Tier Classification Submittal

S-3/GW-2 = applicable standard for a Method 1 Risk Characterization

Results in BOLD type exceed Method 1 Standards

NA = Sample not analyzed for these parameters

Review of these results indicates that the contaminant levels in the soils at the site are relatively low. Only the level of Xylenes in MW-4 exceeds the applicable S-3/GW-2 standards for a Method 1 Risk Characterization, as set forth in the MCP.

3.2.3. Well Sampling and Analysis of Groundwater

Groundwater samples were collected from MW-1, MW-3, and MW-4 on October 24, 2000. All groundwater samples were submitted for laboratory analysis for EPH, VPH and targeted VOCs by the MADEP approved methods. The results are presented in Table 4.

EPH Ranges	GW-2	MW-1	MW-3	MW-4
n-C9 to n-C18 Aliphatics	1,000	<560	1,500	1,300
n-C19 to n-C36 Aliphatics	20,000	<560	<630	<1,100
n-C11 to n-C22 Aromatics	50,000	<200	630	800
Target PAHs				
Naphthalene	6,000	2.3	170	280
2-Methylnaphthalene	10,000	1.4	140	170
Fluorene	3,000	>0.5	1.1	1.3
Phenanthrene	50	<0.5	1.4	1.7
Acenaphthene	5,000	<0.5	<0.6	<1.1
Benzo(a)anthracene	3,000	<0.1	0.1	<0.2
VPH Ranges				
n-C5 to n-C8 Aliphatics	1,000	1,400	30,000	47,000
n-C9 to n-C12 Aliphatics	1,000	340	21,000	29,000
n-C9 to n-C10 Aromatics	5,000	440	17,000	18,000
Target VOCs				
MTBE	50,000	16	<250	3,500
Benzene	2,000	11	1,900	1,900
Toluene	6,000	40	23,000	41,000
Ethylbenzene	30,000	37	4,500	6,200
Total Xylenes	6,000	138	24,200	32,000
Naphthalene	6,000	<5	830	1,100

A. A000

GW-2 = applicable standard for a Method 1 Risk Characterization

Results in **BOLD** type exceed Method 1 Standards

The results of these analyses report low levels of EPH and PAHs in the groundwater at all three wells, however, only the levels of C9 to C18 Aliphatics in MW-3 and MW-4 exceed the GW-2 standards. The levels of VPH in all three wells exceed the GW-2 standards, with the highest concentrations in MW-3 and MW-4. The levels of Toluene and Xylenes are also above the GW-2 standards in MW-3 and MW-4. The relatively low concentrations of MTBE indicate that the release is not recent.

CONCLUSIONS 4.

The results of the assessment work indicate that the contamination is limited to the groundwater and subsurface soils. No NAPL is present at the site. The down gradient extent of the plume has not been determined, however, migration of the contaminants is likely to be limited by the dense nature of the native soils.

The site is not located within a Current or Potential Drinking Water Source Area and therefore, there is no potential for development of the underlying aquifer as a water supply. The depth to groundwater is less than 15 feet, and therefore, there is a possibility for inhalation of volatile compounds in the commercial building located on the subject property and on the abutting down gradient property. However, given the depth to groundwater (approximately 13 feet), the contaminant plume is not expected to have any significant adverse impact on indoor air quality.

The soil analyses from MW-4 exceed the S-1 standards for a Method 1 Risk Characterization; therefore there is a risk from future exposure to contaminants through direct contact. However, both the subject property and the down gradient abutting property are paved and the contaminated soils are relatively deep. All stockpiled soils have been removed form the site and, therefore, the potential for contact with contaminated soils by the general public under current conditions is minimal.

The contaminant levels at the site pose a significant risk as defined in the MCP and further response actions are required. However, the source of the release has been eliminated and no Imminent Hazards or Critical Exposure Pathways exist. Therefore, the conditions set forth in 310 CMR 40.0427 have been met and the IRA is complete. Accordingly, this IRA Completion Statement has been prepared and no further IRA work is required.

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FIGURES

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FIGURE 1 LOCUS MAP USGS Lexington and Boston North 7.5' Quadrangles Scale 1:25,000



FIGURE 2 SITE PLAN AND GROUNDWATER CONTOURS

APPENDIX A

Laboratory Report Soil Stockpile



Groundwater Analytical, Inc. P.O. Box 1200 228 Main Street Buzzards Bay, MA 02532

Telephone (508) 759-4441 FAX (508) 759-4475

January 5, 2001

Mr. Steve Rumba WEB Engineering 106 Longwater Drive Norwell, MA 02061

 Project:
 Bossi/00-E-033

 Lab ID:
 38130

 Sampled:
 12-18-00

Dear Steve:

Enclosed are the Volatile Organics, PCBs, Hydrocarbon Fingerprint, Metals, Reactivity, Corrosivity and Ignitability Analyses performed for the above referenced project. This project was processed for Standard Two Week turnaround.

This letter authorizes the release of the analytical results, and should be considered a part of this report. This report contains a project narrative indicating project changes and non-conformances, a brief description of the Quality Assurance/Quality Control procedures employed by our laboratory, and a statement of our state certifications.

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Should you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Jonathan R. Sanford President

JRS/myr Enclosures

GROUNDWATER ANALYTICAL

EPA Method 8260B TCL Volatile Organics by GC/MS

Field ID:	Stockpile	Laboratory ID:	38130-01	
Project:	Bossi/00-E-033	QC Batch ID:	VM4-1614-E	:
Client:	WEB Engineering	Sampled:	12-18-00	
Container:	120 mL Glass	Received:	12-20-00	
Preservation:	Methanol / Cool	Analyzed:	12-29-00	
Matrix:	Soil	Dilution Factor.	1	
% Moisture:	11			
CAS Number	Analyte	Concentration	Units	Reporting Lim
74-87-3	Chloromethane	BRL	ug/Kg	500
75-01-4	Vinyl Chloride	BRL	ug/Kg	500
74-83-9	Bromomethane	BRL	ug/Kg	500
75-00-3	Chloroethane	BRL	ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL	ug/Kg	250
67-64-1	Acetone	BRL	ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL	ug/Kg	2.500
75-09-2	Methylene Chloride	BRL	ug/Kg	1.000
156-60-5	trans-1,2-Dichloroethene	BRL	ug/Kg	250
75-34-3	1.1-Dichloroethane	BRI	11g/Kg	250
156-59-2	cis-1,2-Dichloroethene	BRL	Ug/Kg	250
78-93-3	2-Butanone (MEK)	BRI	110/Kg	2 500
67-66-3	Chloroform	BRI	Ug/Kg	250
71-55-6	1.1.1-Trichloroethane	BRI	Ug/Kg	250
56-23-5	Carbon Tetrachloride	BRI	Ug/Kg	250
71-43-2	Benzene	BRI	ug/Kg	250
107-06-2	1.2-Dichloroethane	BRI	Ug/Kg	250
79-01-6	Trichloroethene	BRI		250
78-87-5	1 2-Dichloropropane	BRI		250
75-27-4	Bromodichloromethane	BRI	υσ/Κσ	250
10061-01-5	cis-1.3-Dichloropropene	BRI	100/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRI	Ug/Kg	2.50
108-88-3	Toluene	BRI	ug/Kg	2,500
10061-02-6	trans-1.3-Dichloropropene	BRI	Ug/Kg	250
79-00-5	1.1.2-Trichloroethane	BRI		250
127-18-4	Tetrachloroethene	BRI	ug/Kg	250
591-78-6	2-Heyapone	BPI		2.50
124-48-1	Dibromochloromethane	BDI	ug/Kg	2,500
108-90-7	Chlorobenzene	BPI	ug/Kg	250
100-41-4	Ethylbenzene	DRL DDI	ug/Kg	250
108-28-2/104 42 2	mote Vulence and parts Vulence			250
05-47-6	ortho Yulono		ug/Kg	250
100 42 5	Sturopo		Ug/Kg	250
75 75 7	Bromoform	BRL	ug/Kg	250
79.34.5	Dromotorm	BKL	ug/Kg	250
/ 5-34-3	1,1,2,2-Tetrachioroethane	BKL	ug/kg	250
QC:	Surrogate Compounds	Recovery	QC	Limits
Dibromofluoromet	hane	106 %	80 -	120 %
1,2-Dichloroethane	e-a ₄	98 %	- 08	120 %
Toluene-d _B		98 %	81 -	117 %
 4-Bromofluoroben; 	zene	100 %	74 -	121 %

as specified by the Target Compound List (TCL) of the US EPA Contract Laboratory Program. Results are reported on a dry weight basis. Analysis performed utilizing methanol extraction technique.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution, percent moisture and sample size.



EPA Method 8082 Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID: Project: Client: Container:	Stockpile Bossi/00-E-033 WEB Engineering 250 mL Glass	Laboratory ID: QC Batch ID: Sampled: Received:	38130-02 PB-1207-M 12-18-00 12-20-00	
Preservation:	Cool	Extracted:	12-29-00	
Matrix:	Soil	Analyzed:	01-03-01	
% Moisture:	11	Dilution Factor:	1	
CAS Number	Analyte	Concentration	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL	ug/Kg	88
11104-28-2	Aroclor 1221	BRL	ug/Kg	88
11141-16-5	Aroclor 1232	BRL	ug/Kg	88
53469-21-9	Aroclor 1242	BRL	ug/Kg	88
12672-29-6	Aroclor 1248	BRL	ug/Kg	88
11097-69-1	Aroclor 1254	BRL	ug/Kg	88
11096-82-5	Aroclor 1260	BRL	ug/Kg	88
QC	Surrogate Compound	Recovery	QC	Limits
Tetrachloro-m-x	ylene	85 %	25 - 121 %	
Decachlorobiph	enyl	106 %	28 -	138 %
Method Reference:	Test Methods for Evaluating Solid W	aste, US EPA, SW-846, Third Edition, Upd	late III (1996). A	nalvte list

as Aroclor analytes formerly specified by EPA Method 8080A. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution, percent moisture and sample size.



ASTM Method D3328-90 (Modified) Hydrocarbon Fingerprinting by GC/FID

Field ID:	Stockpile	Laboratory ID:	38130-02
Project:	Bossi/00-E-033	QC Batch ID:	HF-1430-M
Client:	WEB Engineering	Sampled:	12-18-00
Container:	250 mL Glass	Received:	12-20-00
Preservation:	Cool	Extracted:	12-29-00
Matrix:	Soil	Analyzed:	01-04-01
% Moisture:	11	Dilution Factor:	1

Qualitative Identification

This sample has GC/FID characteristics that are similar to:

- 1. Petroleum products in the n-C16 to n-C36 range.
- 2. 3 through 5 ring polynuclear aromatic hydrocarbons.

	Analyte	Concentration	Units	Reporting Limit
Total Petroleum Hydrocarbons		710	mg/Kg	66
QC Surrogate Compound		Recovery		QC Limits
ortho -Terphenyl	<u> </u>	93 %	6	0 - 140 %
Method Reference:	Comparison of Waterborne Petroleu Society for Testing and Materials (1 Results are quantified on the basis of microwave accelerated solvent e	m Oils by Gas Chromatography, Volu 990). Analytical protocol modified b of 5α -androstane. Sample preparatio xtraction. Results are reported on a c	ime 11.02, Water y use of an intern n protocol modifi Iry weight basis.	r, American al standard. ied by use

Report-Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution and sample size.



ASTM METHOD D3328-90 (Modified) Hydrocarbon Fingerprinting by GC/FID



Retention Time (Minutes)



Trace Metals by ICP-AES and CVAA

Field ID:	Stockpile	Laboratory ID:	38130-02
Project:	Bossi/00-E-033	Sampled:	12-18-00
Client:	WEB Engineering	Received:	12-20-00
Container:	250 mL Glass	% Solids	89
Preservation:	Cool		
Matrix:	Soil		

CAS Number	. Analyte	Concentration	Units	Reporting Limit	Analyzed	QC Batch	Method
7440-38-2	Arsenic, Total	BRL	mg/Kg	5.8	01-02-01	MM-01194-S	6010B
7440-43-9	Cadmium, Total	BRL	mg/Kg	0.58	01-02-01	MM-01194-S	6010B
7440-47-3	Chromium, Total	13	mg/Kg	12	01-02-01	MM-01194-S	6010B
7439-92-1	Lead, Total	24	mg/Kg	12	01-02-01	MM-01194-S	6010B
7439-97-6	Mercury, Total	BRL	mg/Kg	0.058	12-22-00	MP-0902-S	7471A

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Kesults are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution and sample size.



Report Notations:

RCRA Hazardous Waste Characterization

Field ID:	Stockpile	Laboratory ID:	38130-02
Project:	Bossi/00-E-033	Sampled:	12-18-00
Client:	WEB Engineering	Received:	12-20-00
Container:	250 mL Glass		
Preservation:	Cool		
Matrix:	Solid		

Analyte	Result	Units	Reporting Limit	RCRA Limit	Analyzed	Method
Corrosivity (as pH)	7.2	рН	2.0	>2.0 and <12.5	01-02-01	EPA 9045C
Ignitability (as Flashpoint)	> 165	٩°	70	+	01-02-01	EPA 1010-Mod
Reactive Cyanide	BRL	mg/Kg	5	250 [◊]	01-02-01	SW-846 Chp. 7.3.1
Reactive Sulfide	BRL	mg/Kg	25	500 °	01-02-01	SW-846 Chp. 7.3.4

Method References: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).

BRL Indicates result, if any, is below reporting limit for analyte. Reporting limit is the lowest value that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution and sample size.

+ When ignited, burns so vigorously and persistently that it creates a hazard (40 C.F.R. 261.22).

Current EPA guidance level (SW-846).

.



Project Narrative

Project:	Bossi/00-E-033	Lab ID:	38130
Client:	WEB Engineering	Received:	12-20-00

A. Physical Condition of Sample(s)

This project was received by the laboratory in satisfactory condition. The sample(s) were received undamaged in appropriate containers with the correct preservation.

B. Project Documentation

1

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This project was accompanied by satisfactory Chain of Custody documentation. The sample container label(s) agreed with the Chain of Custody.

. ...

C. Analysis of Sample(s)

No analytical anomalies or non-conformances were noted by the laboratory during the processing of these sample(s). All data contained within this report are released without qualification.

Поли поли <		Buzzards Bay, MA 02532 Telephone (508) 759-4441 FAX (508) 759-4475	CHAIN-OF-CUSTODY RECORD AND WORK ORDER TURNAROUND		ANALYSI	S REQUEST	Nº 4582	
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Quality Assurance/Quality Control

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Groundwater Analytical conducts an active Quality Assurance program to ensure the production of high quality, valid data. This program closely follows the guidance provided by *Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans*, US EPA QAMS-005/80 (1980), and Test Methods for Evaluating Solid Waste, US EPA, SW-846, Update III (1996).

Quality Control protocols include written Standard Operating Procedures (SOPs) developed for each analytical method. SOPs are derived from US EPA methodologies and other established references. Standards are prepared from commercially obtained reference materials of certified purity, and documented for traceability.

Quality Assessment protocols for most organic analyses include a minimum of one laboratory control sample, one method blank, one matrix spike sample, and one sample duplicate for each sample preparation batch. All samples, standards, blanks, laboratory control samples, matrix spikes and sample duplicates are spiked with internal standards and surrogate compounds. All instrument sequences begin with an initial calibration verification standard and a blank; and excepting GC/MS sequences, all sequences close with a continuing calibration standard. GC/MS systems are tuned to appropriate ion abundance criteria daily, or for each 12 hour operating period, whichever is more frequent.

Quality Assessment protocols for most inorganic analyses include a minimum of one laboratory control sample, one method blank, one matrix spike sample, and one sample duplicate for each sample preparation batch. Standard curves are derived from one reagent blank and four concentration levels. Curve validity is verified by standard recoveries within plus or minus ten percent of the curve.

B. Definitions

Batches are used as the basic unit for Quality Assessment. A Batch is defined as twenty or fewer samples of the same matrix which are prepared together for the same analysis, using the same lots of reagents and the same techniques or manipulations, all within the same continuum of time, up to but not exceeding 24 hours.

Laboratory Control Samples are used to assess the accuracy of the analytical method. A Laboratory Control Sample consists of reagent water or sodium sulfate spiked with a group of target analytes representative of the method analytes. Accuracy is defined as the degree of agreement of the measured value with the true or expected value. Percent Recoveries for the Laboratory Control Samples are calculated to assess accuracy.

Method Blanks are used to assess the level of contamination present in the analytical system. Method Blanks consist of reagent water or an aliquot of sodium sulfate. Method Blanks are taken through all the appropriate steps of an analytical method. Sample data reported is not corrected for blank contamination.

Surrogate Compounds are used to assess the effectiveness of an analytical method in dealing with each sample matrix. Surrogate Compounds are organic compounds which are similar to the target analytes of interest in chemical behavior, but which are not normally found in environmental samples. Percent Recoveries are calculated for each Surrogate Compound.



Quality Control Report Laboratory Control Sample

Category: Metals Matrix: Soil

CAS Number	Analyte	Method	QC Batch	Units	Spiked	Measured	Recovery	QC Limits
7440-38-2	Arsenic	6010B	MM-1194-SL	mg/Kg	100	89	89 %	80 - 120 %
7440-43-9	Cadmium	6010B	MM-1194-SL	mg/Kg	100	87	87 %	80 - 120 %
7440-47-3	Chromium	6010B	MM-1194-SL	mg/Kg	100	85	85 %	80 - 120 %
7439-92-1	Lead	6010B	MM-1194-SL	mg/Kg	100	87	87 %	80 - 120 %
7439-97-6	Mercury	7471A	MP-0902-SL	mg/Kg	0.25	0.26	105 %	80 - 120 %

Method References: Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Update III (1996).

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.



Report Notations:

Quality Control Report Method Blank

Category: Metals Matrix: Soil

CAS Number	Analyte	Result	Units	Reporting - Limit	QC Batch	Method
7440-38-2	Arsenic	BRL	mg/Kg	5	MM-1194-SB	6010B
7440-43-9	Cadmium	8RL	mg/Kg	0.5	MM-1195-SB	6010B
7440-47-3	Chromium	BRL	mg/Kg	10.0	MM-1196-SB	6010B
7439-92-1	Lead	BRL	mg/Kg	10	MM-1197-SB	6010B
7439-97-6	Mercury	BRL	mg/Kg	0.05	MP-0902-SB	7471A

Method References: Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Update III (1996).

BRL Indicates result, if any, is below reporting limit for analyte. Reporting limit is the lowest value that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution and sample size.



Quality Control Report Laboratory Control Sample

Category: ASTM Method D3328-90 (Modified) QC Batch ID: HF-1430-M Matrix: Soil Units: mg/Kg

Analyte	Spiked .	Measured	Recovery	QC Limits
Fuel Oil No. 2	130	110	83 %	60 - 140 %
QC Surrogate Compound	Reco	very	QCI	imits
ortho-Terphenyl	96	%	60 - 1	140 %

Method Reference:Comparison of Waterborne Petroleum Oils by Gas Chromatography, Volume 11.02, Water, American
Society for Testing and Materials (1990). Analytical protocol modified by use of an internal standard.
Results are quantified on the basis of 5α -androstane. Sample preparation protocol modified by use
of microwave accelerated solvent extraction. Results are reported on a dry weight basis.

Report Notations: All

All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

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Quality Control Report Method Blank

Category: ASTM Method D3328-90 (Modified) QC Batch ID: HF-1430-M Matrix: Soil

Analyte	Concentration	Units	Reporting Limit
Total Petroleum Hydrocarbons	BRL	mg/Kg	60
QC Surrogate Compound	Recovery	QC	Limits
ortho -Terphenyl	93 %	60 -	140 %

Method Reference:Comparison of Waterborne Petroleum Oils by Gas Chromatography, Volume 11.02, Water, American
Society for Testing and Materials (1990). Analytical protocol modified by use of an internal standard.
Results are quantified on the basis of 5α -androstane. Sample preparation protocol modified by use
of microwave accelerated solvent extraction. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution and sample size.



Quality Control Report Laboratory Control Sample

Category: EPA Method 8082 QC Batch ID: PB-1207-M Matrix: Soil Units: ug/Kg

CAS Number	Analyte	Spiked	Measured	Recovery	QC Limits
11097-69-1	Aroclor 1254	330	310	92%	70 - 130 %
QC S	urrogate Compound	······	Recovery		QC Limits
Tetrachloro-m->	ylene		77%		25 - 121 %
Decachlorobiph	enyl		93%		28 - 138 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Results are calculated on a dry weight basis.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.



Quality Control Report Laboratory Control Sample

Category: EPA Method 8260B QC Batch ID: VM4-1614-EL Matrix: Soil Units: ug/Kg

CAS Number	Analyte	Spiked	Measured	Recovery	QC Limits
75-35-4	1,1-Dichloroethene	2,500	2,400	96 %	70 - 130 %
71-43-2	Benzene	2,500	2,400	96 %	70 - 130 %
79-01-6	Trichloroethene	2,500	2,500	98 %	70 - 130 %
108-88-3	Toluene	2,500	2,300	93 %	70 - 130 %
108-90-7	Chlorobenzene	2,500	2,300	93 %	70 - 130 %

QC Surrogate Compounds	Recovery	QC Limits
Dibromofluoromethane	112 %	80 - 120 %
1,2-Dichloroethane-d₄	98 %	80 - 120 %
Toluene-d ₈	99 %	81 - 117 %
4-Bromofluorobenzene	102 %	74 - 121 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.



Quality Control Report Method Blank

Category: EPA Method 8260B QC Batch ID: VM4-1614-EB Matrix: Soil

CAS Number	Analyte	Concentration	Units	Reporting Limit
74-87-3	Chloromethane	BRL	ug/Kg	500
75-01-4	Vinyl Chloride	BRL	ug/Kg	500
74-83-9	Bromomethane	BRL	ug/Kg	500
75-00-3	Chloroethane	BRL	ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL	ug/Kg	250
67-64-1	Acetone	BRL	ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL	ug/Kg	2,500
75-09-2	Methylene Chloride	BRL	ug/Kg	1000
156-60-5	trans-1,2-Dichloroethene	BRL	ug/Kg	250
1634-04-4	Methyl tert-butyl Ether (MTBE)	BRL	ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL	ug/Kg	250
156-59-2	cis-1,2-Dichloroethene	BRL	ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL	ug/Kg	2,500
67-66-3	Chloroform	BRL	ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL	ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL	ug/Kg	250
71-43-2	Benzene	BRL	ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL	ug/Kg	250
79-01-6	Trichloroethene	BRL	ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL	ug/Kg	250
75-27-4	Bromodichloromethane	BRL	ug/Kg	250
10061-01-5	cis-1,3-Dichloropropene	BRL	ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL	ug/Kg	2,500
108-88-3	Toluene	BRL	ug/Kg	250
10061-02-6	trans-1,3-Dichloropropene	BRL	ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL	ug/Kg	250
127-18-4	Tetrachloroethene	BRI.	ug/Kg	250
591-78-6	2-Hexanone	BRL	ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL	ug/Kg	250
108-90-7	Chlorobenzene	BRL	ug/Kg	250
100-41-4	Ethylbenzene	BRL	ug/Kg	250
108-38-3/106-42-3	meta-Xylene and para-Xylene	BRL	ug/Kg	250
95-47-6	ortho-Xylene	BRL	ug/Kg	250
100-42-5	Styrene	BRL	ug/Kg	250
75-25-2	Bromoform	BRL	ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL	ug/Kg	250
QC S	urrogate Compounds	Recovery	· Q0	Limits
Dibromofluorome	hane	110 %	80	- 120 %
1,2-Dichloroethan	e-d ₄	97 %	80	- 120 %
Toluene-d ₈		98 %	81	- 117 %
4-Bromofluoroben	zene	102 %	74	- 121 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Analyte list as specified by the Target Compound List (TCL) of the US EPA Contract Laboratory Program. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample dilution, percent moisture and sample size.

Indicates additional target analyte.



Certifications and Approvals

CONNECTICUT, Department of Health Services, PH-0586

Potable Water, Wastewater/Trade Waste, Sewage/Effluent, and Soil

pH, Conductivity, Acidity, Alkalinity, Hardness, Chloride, Fluoride, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, Orthophosphate, Total Dissolved Solids, Cyanide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Total Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Titanium, Vanadium, Zinc, Purgeable Halocarbons, Purgeable Aromatics, Pesticides, PCBs, PCBs in Oil, Ethylene Dibromide, Phenols, Oil and Grease.

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MAINE, Department of Human Services, MA103

Drinking Water

Reciprocal certification in accordance with Massachusetts certification for drinking water analytes.

Waste Water

Reciprocal certification in accordance with Massachusetts certification for waste water analytes.

MASSACHUSETTS, Department of Environmental Protection, M-MA-103

Potable Water

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Thallium, Nitrate-N, Nitrite-N, Fluoride, Sodium, Sulfate, Cyanide, Turbidity, Residual Free Chlorine, Calcium, Total Alkalinity, Total Dissolved Solids, pH, Trihalomethanes, Volatile Organic Compounds, 1,2-Dibromoethane, 1,2-Dibromo-3-chloropropane, Total Coliform, Fecal Coliform, Heterotrophic Plate Count, E-Coli

Non-Potable Water

Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Silver, Strontium, Thallium, Titanium, Vanadium, Zinc, pH, Specific Conductance, Total Dissolved Solids, Total Hardness, Calcium, Magnesium, Sodium, Potassium, Total Alkalinity, Chloride, Fluoride, Sulfate, Ammonia-N, Nitrate-N, Kjeldahl-N, Orthophosphate, Total Phosphorus, Chemical Oxygen Demand, Biochemical Oxygen Demand, Total Cyanide, Non-Filterable Residue, Total Residual Chlorine, Oil and Grease, Total Phenolics, Volatile Halocarbons, Volatile Aromatics, Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, Polychlorinated Biphenyls (water), Polychlorinated Biphenyls (oil).

MICHIGAN, Department of Environmental Quality

Drinking Water

Trihalomethanes, Regulated and Unregulated Volatile Organic Compounds by EPA Method 524.2; 1,2-Dibromoethane, 1,2-Dibromo-3-chloropropane by EPA Method 504.3

NEW HAMPSHIRE, Department of Environmental Services, 202798

Drinking Water

Metals by Graphite Furnace, Metals by ICP, Mercury, Nitrite-N, Orthophosphate, Residual Free Chlorine, Turbidity, Total Filterable Residue, Calcium Hardness, pH, Alkalinity, Sodium, Sulfate, Total Cyanide, Insecticides, Herbicides, Base/Neutrals, Trihalomethanes, Volatile Organics, Vinyl Chloride, DBCP, EDB, Nitrate-N.

Wastewater

Metals by Graphite Furnace, Metals by ICP, Mercury, pH, Specific Conductivity, TDS, Total Hardness, Calcium, Magnesium, Sodium, Potassium, Total Alkalinity, Chloride, Fluoride, Sulfate, Ammonia-N, Nitrate-N, Orthophosphate, TKN, Total Phosphorus, COD, BOD, Non-Filterable Residue, Oil & Grease, Total Phenolics, Total Residual Chlorine, PCBs in Water, PCBs in Oil, Pesticides, Volatile Organics, Total Cyanide.

RHODE ISLAND, Department of Health, 54

Surface Water, Air, Wastewater, Potable Water, Sewage Chemistry: Organic and Inorganic



March 29, 2001

STEVEN RUMBA WEB ENGINEERING 106 LONGWATER DRIVE NORWELL, MA 02061

Re: Soil,

Bossi's Automotive 12 Swanton Street Winchester, MA Release Tracking #: 3-18598

Recyclable soil from the above address was received at our facility on March 29, 2001. Attached is the shipper's log of soil receipts totaling 20.37 tons along with the Bill of Lading and other receipt documentation.

We will issue a "Certificate of Recycling" upon request after processing.

Thank you for recycling soil at our Stoughton facility.

Yours truly,

Keinhardt William R. Reinhardt

Senior Sales Engineer Environmental Services

BARDON TRIMOUNT, INC., d/b/a AGGREGATE INDUSTRIES Northeast Region

1101 Turnpike Street Stoughton, Massachusetts 02072

Telephone 781-344-1100 Facsimile 781-341-5523

Environmental Services Telephone 781-341-5500 Facsimile 781-341-2440

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						3-11	
BILL	OF LADING	(pursuant to 3	10 CMR 40.0030)	}			<u>6.5 %</u>
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ity/Town: Lander-	$\frac{1}{5}$	09 9	Zi	p Code: 🖸	10-10	· · · · · · · · · · · · · · · · · · ·	
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Massachusetts Department of Environmental Protection BWSC-012A Bureau of Waste Site Cleanup
Release Tracking Number:
E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued): Temporary Storage Address: Street:
City/Town: Zip Code: =
F. DESCRIPTION OF REMEDIATION WASTE: (check all that apply) Groundwater Surface Water Other: Contaminated Media (circle all that apply): Demolition/Construction Waste Vegetation/Organic Materials Inorganic Absorbant Materials Other:
G. LICENSED SITE PROFESSIONAL (LSP) OPINION: Name of Organization: DEBENG, DEPLOY, ASSoc, Tril: LSP Name: STEVEN D. Isponsor Title: Property Name: Steven D. Isponsor Difference Isponsor Difference
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 wilfully submitting false, inaccurate, or incomplete information.
Signature: <u>DKIDDD</u> Name of Person (print): <u>TOHD BOSSE</u> Date: <u>UI /12/01</u>

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Revised 10/1/93



Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup

BWSC-012C

Release Tracking Number:

18598

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BILL OF LADING (pursuant to 310 CMR 40.0030)

DATE OF SHIPMENT:	DATE OF RECEIPT:	NUMBER OF LOADS SHIPPED:	DAILY VOLUME SHIPPED (CU. YDS TONS
	3-29-01	2	20.37

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SUMMARY	SHEET TOTAL SHIPPED:	2	20.37

Revised 10/1/94

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BILL OF LADI SUMMARY SH L. ACKNOWLEDGEMENT OF F TEMPORARY STORAGE LO	NG (pursuant to 310 CMR 40.0030) IEET	3-	Release Tracking
L. ACKNOWLEDGEMENT OF F TEMPORARY STORAGE LO			18598
Deschies Freite Gemeinen	RECEIPT OF REMEDIATION WAST	E AT RECEIVING FACILIT	YOR
Location Representative (print): Will Signature:	lliam R. Reinhardt am Keinhau		ngineer
M. ACKNOWLEDGEMENT OF S	HIPMENT AND RECEIPT OF REM	EDIATION WASTE BY PER	SON
I certify under penalties of law that I hav and all documents accompanying this c the information, the material information of that there are significant penalties, inclu- incomplete information	e personally examined and am lamiliar with t ertilication, and that, based on my inquiry of contained herein is, to the best of my knowled ding, but not limited to, possible lines and is	he information contained in this sub those individuals immediately respo lge and belief, true, accurate and co norisonment, for wilfully submitting	mittal, including ; xnsible for obtain mplete. I am aw false, maccurate
Signature:	No/ T BORT	Date: 4126	
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STOUGHTON

BARDON TRIMOUNT



BILL OF LADING (pursuant to 310 CMR 40.)	0030) 3- <u>1859</u> &
LOAD INFOR: ATION: OAD T: Signature of Transporter Representative:	Receiving Facility/Temporary Storage Represent
Date of Shipment: Time of Shipment: <u>1291</u> <u>S</u> : <u>30</u> (circle one) m/pm	Date of Receipt: Time of Receipt $\frac{3}{22}/\frac{2}{21}$
A C 300 Irailer Registration (if any):	Circle one) am.
QAD 23 Signature of Transporter Representative:	Receiving Faaility Temporary Storage Represent
L / 29/ 1 : 30 (circle one) mpm	Date of Heceipt: Time of Receipt $\frac{3}{29}$
Inck/Iractor Hegistration : Irailer Hegistration (if any): 4300	Load Size (cu. yds./tons):
LOAD 3: Signature of Transporter Representative:	Receiving Facility/Temporary Storage Represen
Date of Shipment: Time of Shipment: / / ; (circle one) am/pm Trailer Designation: Trailer Designation (if the integral	Date of Receipt: Time of Receip
	Load Size (cu. yds./tons):
LOAD 4: Signature of Transporter Representative:	Receiving Facility/Temporary Storage Represen
Date of Shipment: Time of Shipment:	Date of Receipt: Time of Receip
Truck/Tractor Registratic :: Trailer Registration (if any):	(circle one) am Load Size (cu. yds./tons):
LOAD 5: Signature of Transporter Representative:	Receiving Facility/Temporary Storage Represen
Date of Shipment: Time of Shipment: (circle one) am/pm	Date of Receipt: Time of Geceip
Truck/Tractor Registration: Trailer Registration (if any):	(circle one) an Load Size (cu. yds./tons):
LOAD 6: Signature of Transporter Representative:	Receiving Facility/Temporary Storage Represer
Date of Shipment: Time of Shipment:	Date of Receipt: Time of Receip
Truck/Tractor Registration: Trailer Registration (if any):	(circle one) an
LOAD 7: Signature of Transporter Representative:	Receiving Facility/Temporary Storage Represer
Date of Shipment: Time of Shipment:	Late ci Recelption Tume of Recel
Truck/Tractor Registration: (circle one) am/om Truck/Tractor Registration: Trailer Registration (if any):	; (circie - ne) a
	Load Size (cu. yds./tons):
. LUG SMEET AULUME INFORMATION:	Total Volume This Page (cu.vds./tops):

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AGGREGATE INDUSTRIES	(781		2011 1		\bigcirc	TICKET NO.	[]	3454174	
STOUGHTON 11/11 TURNPIKE STRE STOUGHTON, MA 0207	بت س	S =	CALE 6 1 03	DATE 1/29/01	E F	AE TRU	CKER NO.	TRUCK NO.	
CUSTOMER PURCHASE ORDER NO. 999998	PRODUCT CODE SA	e type	ZONE	PLANT NC	PROJE	B47	OADS A(CUM, AMOUNT 20. 37	
CUSTOMER NAME	JOB NAME	/ DIRECTIC	SNC					ч	1
CASH SLS/STOUGHTOW		08	TL/WIN	ICHESTE	RSWA	NTON S		-	·····
CASH SALES STOUGHTON STOUGHTON, MA									
PRODUCT	QUANTITY UI	VIT PRIC	CE AN	AOUNT		MEGAGRAM	S POUND	S TONS	<u>. </u>
RECY SOIL GAS MIX:	8. B7 T0	R M	2 20 20	33, 84	GROSS		34840	17.42	<u>, </u>
1. 1. 1.	TRUCKING RATE	6	, ØQ	0. 00	TARE		171004	B. 55*	- م ــــــــــــــــــــــــــــــــــــ
Total Sold: 651.84 Tatal Coid: 768.04	TAX MAEX	6.9	20.0X	0, 00	NET		17740	8.87	T
Amount Due: 283.84	TOTAL DUE		N.	183.84					7
I/We relieve the seller of any liability for perso damage when delivery is made beyond the cu	nal injury or property urb line.	AR	RIVE JOB	DEPA	RT JOB	WAITING	TIME	WEIGHTMASTER Tommy	<u></u>
Your business is greatly valued.	Lill	DHV		HAULER			Waiting tim 1/4 hour w current pric	le in excess of Ill be charged at ses.	
(3/00) AI-25		CUSTOM	ев сору		2	NTROL NO.	02	01278	

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WEIGHTIMASTER Waiting time in excess of 1/4 hour will be charged at ACCUM, AMOUNT 3454114 11.50 TONS 20.05* TRUCK NO. 8, 55 1 11.50 1 O III III V ŝ POUNDS 401004 17100 670600 210000 AHRIVE JOB _____ DEPART JOB _____ WAITING TIME TRUCKER NO. LOADS MEGAGRAMS TICKET NO. SOTL/WINCHESTER-BURNTON S PROJECT NO. 10:08 7947 TIME GROSS TARE NET PLANT NO. 3 03/29/01 Driver FOR HAULER 0, 00 36,9.00 M. MW 369. 90 DATE AMOUNT. ZONE (701) 344-6211 Scale 3 SCALE 32. 00 0.00 <u>0. 000%</u> JOB NAME / DIRECTIONS PRICE PRODUCT CODE SALE TYPE @ PIL UNIT NUL PS 11 I/We relieve the seller of any liability for personal injury or properly damage when delivery is made beyond the curb line. TRUCKING RATE PICEX TOTAL DUE QUANTITY 4 I C TAX STOUGHTON, NA BENCET Ŵ**.** ŴŴ 366.00 .,6,6) , Bro PURCHASE ORDER NO. CASH SALES STOUGHTON STOUGHTON, MA STOUGH FOR Щ Your business îs greafly valued. CASH SLS/STOUGHTON AGGREGA NDUSTRIES SOIL GAS Total Sold: Total Paid: Americh Dues 1 lickets CUSTOMER NAME 9999996 RECY MIX4 CUSTOMER PRODUCT

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Received by