



SOLID WASTE PERMIT APPLICATION

New England Metal Recycling, LLC
Knox Marsh Road; Madbury, NH

Prepared For:

New Hampshire Department of Environmental Services
29 Hazen Drive
Concord, NH 03301
(603) 271-3503

Prepared By:

New England Metal Recycling, LLC
c/o Schnitzer Steel Industries, Inc.
PO Box 490905
Everett, MA 02149
(617) 389-8300

January 27, 2011

INSTRUCTIONS
for completing an application for a

STANDARD PERMIT FOR SOLID WASTE COLLECTION/STORAGE/TRANSFER FACILITY

pursuant to
RSA 149-M and New Hampshire Solid Waste Administrative Rules Env-Sw 314 and Env-Sw 400

Read the General Instructions and the Filing Instructions, provided below, before completing the attached form. For additional assistance, contact the New Hampshire Department of Environmental Services (DES), Permitting & Design Review Section (P&DRS) at (603) 271-2925 or the below noted mailing address or TDD Access: Relay NH 1-800-735-2964.

Note: All references on this form beginning with "Env-Sw" are citations from the New Hampshire Solid Waste Rules. To obtain a copy of the Rules, contact the DES Public Information & Permitting Office at (603) 271-2975 or the above noted TDD Access. The Rules are also available on the Internet at <http://www.des.nh.gov>.

GENERAL INSTRUCTIONS

- (1) A standard permit application is comprised of thirteen "sections." The attached form provides detailed instructions for completing each section.
- (2) Except as specified in (3) through (5) below, compile the application into a loose leaf binder(s) with each section separated by labeled and tabbed dividers.
- (3) Section VII and Section VIII of the permit application must be prepared as "stand alone documents" that are incorporated by reference into the body of the permit application.
- (4) Permit application information that is prepared on blueprints or other paper of a size larger than the required loose leaf binder need not be bound into the binder. However, a referral index for the same must be included within the applicable section of the loose leaf binder.
- (5) A loose leaf binder and tabbed dividers are not required if the number of pages in the application are 25 or fewer and the pages are stapled or otherwise secured together.

FILING INSTRUCTIONS

- (1) Submit **THREE** copies of the completed permit application, **EACH bearing ORIGINAL signatures**, to the following address:

NH Department of Environmental Services (DES)
Waste Management Division (WMD)
Permitting & Design Review Section (P&DRS)
29 Hazen Drive, PO Box 95
Concord, NH 03302-0095
- (2) Include the required fee (see Section XIII of this form). Make checks or money orders payable to "TREASURER, State of New Hampshire."
- (3) File a copy of the complete application with the host municipality, host solid waste management district and other affected entities, as determined pursuant to Section IV of this form.



For Office Use Only:	
WMD Log #:	_____
Date Rec'd.:	_____
No. of Copies:	_____
Fee: \$	_____ /Check # _____

STANDARD PERMIT FOR SOLID WASTE COLLECTION/STORAGE/TRANSFER FACILITY

pursuant to
RSA 149-M and New Hampshire Solid Waste Administrative Rules Env-Sw 314 and Env-Sw 400

SECTION I. IDENTIFICATION

(1)	FACILITY STATUS (check which ONE of the following applies):	
	<input type="checkbox"/> Proposed Facility (Not yet constructed or operating)	<input type="checkbox"/> Interim Status Facility (Provide date Interim Status Operating Approval was granted: _____)
	<input checked="" type="checkbox"/> Existing Facility holding a Temporary Permit (Provide permit #: DES-SW-TP-94-001)	<input type="checkbox"/> Unauthorized Facility (Attach related DES order or approved compliance schedule)
(2)	FACILITY IDENTIFICATION (complete each of the following):	
	(a)	Facility name: New England Metal Recycling, LLC
	(b)	Location, by street address and municipality: 290 Knox Marsh Road, Madbury NH
	(c)	Mailing address: PO Box 40, Dover, New Hampshire 03821-0040
	(d)	Local tax map and lot numbers: Madbury Tax Map 9 Lot 5
	(e)	Deed reference by county, volume and page numbers: Strafford County Book 3685 Page 0482
	(f)	Latitude and longitude of a known fixed point on the site: Scale house N 43 degrees 10' 16" W 20 degrees 55' 01"
	(g)	Written directions from a known point of reference in the vicinity of the facility site: From exit 8 off of Spaulding Turnpike in Dover, take Rt 9 west for 0.2 miles. Merge with Knox Marsh Road continue 1.9 miles to Facility entrance on the left.
(3)	APPLICANT/PERMITTEE IDENTIFICATION:	
	(a)	Name: New England Metal Recycling, LLC
	(b)	Mailing address: c/o Schnitzer Steel Industries, Inc., PO Box 490905, Everett, MA 02149
	(c)	Telephone number: (617) 389-8300
	(d)	If different than above, identify the individual associated with and designated by the applicant/permittee to be the contact individual for matters concerning this application:
	(i)	Name: Joseph J. Nicolella, Jr.
	(ii)	Title: General Manager - NH Operations
	(iii)	Mailing address: 25 Sandquist Street, Concord, NH 03301
	(iv)	Telephone number: (603) 225-2267
	(e)	If the applicant is an individual, provide date of birth and go to question (4):
(f)	If the applicant is a corporation, partnership or other association, provide the following information as specified:	
(i)	The applicant is a: <input type="checkbox"/> corporation <input type="checkbox"/> partnership <input checked="" type="checkbox"/> other association	
(ii)	State of incorporation/formation: LLC - Massachusetts	
(iii)	Principal business address: 69 Rover Street, Everett, MA 02149	
(iv)	Provide on separate paper and attach/mark as "Attachment I(3)(f)(iv)," the names and addresses of all directors, officers and shareholders (*), if for a corporation; all partners (whether general or limited), if for a partnership; or all principals, members or participants, if for another type of association.	
(*) For a privately held corporation, identify all shareholders. For a publicly traded corporation, identify all shareholders owning 10% or more of the corporation's equity or debt.		

(4)	FACILITY OWNER IDENTIFICATION [If same as applicant/permittee, check here <input checked="" type="checkbox"/> and go to question (5)]:			
	(a)	Name:		
	(b)	Mailing address:		
	(c)	Telephone number:		
	(d)	If different than above, identify the individual associated with and designated by the facility owner to be the contact individual for matters concerning this application:		
		(i)	Name:	(ii) Title:
		(iii)	Mailing address:	
		(iv)	Telephone number:	
	(e)	If the facility owner is an individual, provide date of birth and go to question (5):		
	(f)	If the facility owner is a corporation, partnership or other association, provide the following information as specified:		
(i)		The facility is owned by a: <input type="checkbox"/> corporation <input type="checkbox"/> partnership <input type="checkbox"/> other association		
(ii)		State of incorporation/formation:		
(iii)		Principal business address:		
(iv)		Provide on separate paper and attach/mark as "Attachment I(4)(f)(iv)," the names and addresses of all directors, officers and shareholders (*), if for a corporation; all partners (whether general or limited), if for a partnership; or all principals, members or participants, if for another type of association. (*) For a privately held corporation, identify all shareholders. For a publicly traded corporation, identify all shareholders owning 10% or more of the corporation's equity or debt.		
(5)	FACILITY OPERATOR IDENTIFICATION [If same as facility owner, check here <input checked="" type="checkbox"/> and go to Section II]:			
	(a)	Name:		
	(b)	Mailing address:		
	(c)	Telephone number:		
	(d)	If different than above, identify the individual associated with and designated by the facility operator to be the contact individual for matters concerning this application:		
		(i)	Name:	(ii) Title:
		(iii)	Mailing address:	
		(iv)	Telephone number:	
	(e)	If the facility operator is an individual, provide date of birth and go to Section II:		
	(f)	If the facility operator is a corporation, partnership or other association, provide the following information as specified:		
(i)		The facility is operated by a: <input type="checkbox"/> corporation <input type="checkbox"/> partnership <input type="checkbox"/> other association		
(ii)		State of incorporation/formation:		
(iii)		Principal business address:		
(iv)		Provide on separate paper and attach/mark as "Attachment I(5)(f)(iv)," the names and addresses of all directors, officers and shareholders (*), if for a corporation; all partners (whether general or limited), if for a partnership; or all principals, members or participants, if for another type of association. (*) For a privately held corporation, identify all shareholders. For a publicly traded corporation, identify all shareholders owning 10% or more of the corporation's equity or debt.		

ATTACHMENT I(3)(f)(iv)

Attachment 1(3)(f)(iv)

December 17, 2010

NH Department of Environmental Services (DES)
Waste Management Division (WMD)
Permitting & Design Review Section (P&DRS)
29 Hazen Drive, PO Box 95
Concord, NH 03302-0095

Regarding: Ownership
New England Metal Recycling, LLC
290 Knox Marsh Road,
Madbury, NH

To whom it may concern:

New England Metal Recycling, LLC is a member managed company whose equal members are Proleride Transport Systems, Inc., a Delaware corporation and TTS Recycling LLC, a Delaware limited liability company.

Officers:

Officers of Proleride Transport Systems, Inc., are Donald Hamaker, Chairman, Richard Bettencourt, Vice President, and Patrick Christopher, Secretary. The sole officer for TTS Recycling LLC is Donald Hamaker, President and CEO.

Directors:

Director of Proleride Transport Systems, Inc. is Donald Hamaker as sole director. There are no directors for TTS Recycling LLC.

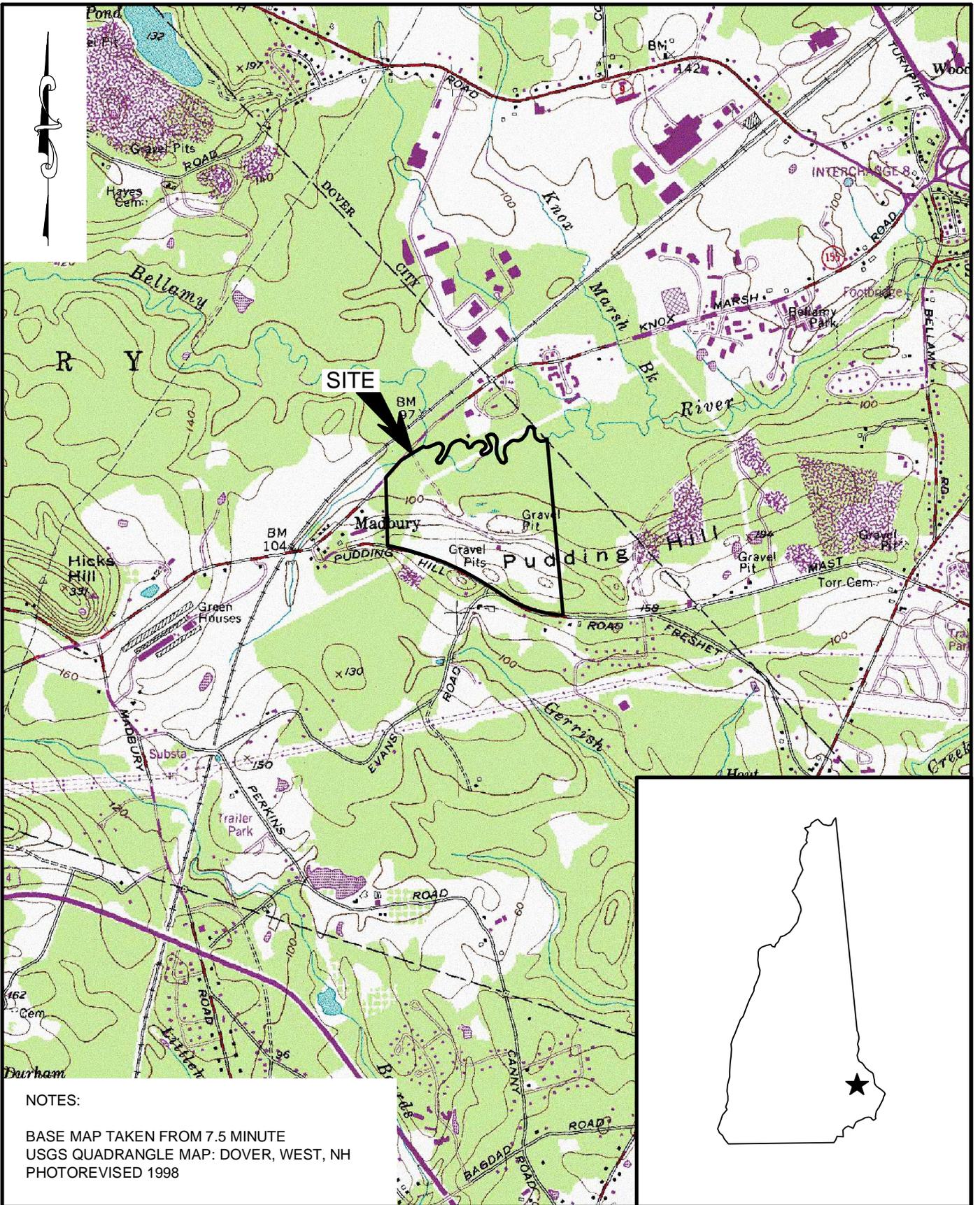
Please do not hesitate to contact this office if you have nay questions.

Kind Regards,



Rhonda Sandstrom
Legal Assistant

ATTACHMENT I(h)



NOTES:

BASE MAP TAKEN FROM 7.5 MINUTE
 USGS QUADRANGLE MAP: DOVER, WEST, NH
 PHOTOREVISED 1998

FILE: Q:\CONCORD\3140.00\dwg\locus.dwg
 LAYOUT: LOCUS
 CTB FILE: SHA_Standard.ctb
 PLOT DATE: 12-9-10

NEW ENGLAND METAL RECYCLING, LLC
 MADBURY, NEW HAMPSHIRE

ATTACHMENT 1 (h) LOCUS PLAN



SCALE: 1" = 2000'	DRAWN BY: DJD	FILE NO. 3140.00
DATE: DEC 10	CHECKED BY: RSS	FIGURE NO. 1

SECTION II. FACILITY DESCRIPTION

Provide a brief description of the facility. Note that more detailed information pertaining to facility operations will be provided in the Operating Plan required under Section VII of this form.

(1)	The type of collection/storage/transfer activity(s):			
	<input type="checkbox"/>	Transfer station	<input type="checkbox"/>	Recycling center
	<input type="checkbox"/>	Temporary stockpile(s)	<input checked="" type="checkbox"/>	Other (specify): Processing/Transfer
(2)	Facility ownership (check one): <input type="checkbox"/> publicly owned <input checked="" type="checkbox"/> privately owned			
(3)	Facility service type: <input type="checkbox"/> limited service area facility (i.e., will receive waste from only specified sources/locations) <input checked="" type="checkbox"/> unlimited service area facility (i.e., will potentially receive waste from any source/location)			
(4)	Facility service area: Note: If the "facility service type," provided in response to (3) above, is a "limited service area facility," then identify the precise geographic area(s) and/or generator(s) that the facility shall be limited to serving. If the facility service type, as provided in response to (3) above, is an "unlimited service area facility," then identify the geographic region and/or generators the facility will most likely serve. Material delivered to the facility will generally be from individuals and businesses located within about 75 miles			
(5)	Type(s) of waste to be received by the facility (be specific): Ferrous and non ferrous scrap metal			
(6)	Type(s) of waste to be prohibited by the facility (be specific): Hazardous material/waste, sludge and septage, contained gaseous material, infectious material and explosives.			
(7)	Capacity for each of the following:			
(a)	Storing non-recyclable waste: 12,000 tons or cubic yards			
(b)	Storing unprocessed recyclable waste: 50,000 tons or cubic yards			
(c)	Storing processed (market ready) recyclable waste: 35,000 tons or cubic yards			
(d)	Collection rate: 1,820 tons or cubic yards per day on average annually			
(8)	Identify other waste management activities at the site. Check all of the below which apply. If none apply, check here <input type="checkbox"/> and go to Section III. You must respond to this question to fulfill the reporting requirements in Env-Sw 1105.07(d) and (f). However, the information provided by your response shall not become part of any permit issued pursuant to this application; it is merely intended to identify whether other types of waste management activities, not covered by the requested permit, are or will be conducted at the subject site. Therefore, if any of the below listed activities are or will be occurring at this site, place a check mark in the corresponding box and show the location of each such activity on the site plans prepared pursuant to Section VI of this form. Also, be certain the activities do not adversely affect the ability to properly manage the facility for which a permit is being sought. Also note: Although the below listed activities do not require issuance of a solid waste management facility permit, other local, state or federal permits or approvals may apply. Contact the DES Public Information & Permitting Office [(603) 271-2975], if necessary, for assistance in determining permitting requirements.			
(a)	ACTIVITIES INVOLVING WASTES THAT ARE NOT REGULATED AS SOLID WASTE (Ref. Env-Sw 101.03):			
	<input type="checkbox"/>	Management of yard waste (leaves, grass clippings, garden debris, and small or chipped branches)		
	<input type="checkbox"/>	Burial of stumps at the waste generation site, which have been cut or uprooted from the site, at least 75 feet from any drinking water supply		
	<input type="checkbox"/>	Operation of a "swap shop," collecting and distributing salvaged materials/items for reuse in-kind, pursuant to Env-Sw 1500, including:		
	<input type="checkbox"/>	Collection and distribution of non-hazardous paint for use as paint		
	<input type="checkbox"/>	Collection and distribution of other used furniture, equipment, clothing, etc. for reuse in-kind		
	<input type="checkbox"/>	Other (specify):		
	<input type="checkbox"/>	Management of septage, as defined in RSA 485-A:2,IX-a, by a method not involving disposal with a solid waste		
	<input type="checkbox"/>	Management of sludge as defined in RSA 485-A:2,XI-a, by a method not involving disposal with a solid waste		
	<input type="checkbox"/>	Management of hazardous waste, as defined in RSA 147-A:2, as follows:		
	<input checked="" type="checkbox"/>	Collection of used oil for recycling		
	<input type="checkbox"/>	Collection of household hazardous waste		
	<input type="checkbox"/>	Collection of universal waste, as follows:		
	<input checked="" type="checkbox"/>	Batteries	<input checked="" type="checkbox"/>	Antifreeze
	<input type="checkbox"/>	Pesticides	<input type="checkbox"/>	Thermostats
	<input type="checkbox"/>	Other (specify):		
	<input type="checkbox"/>	Operation of a permitted hazardous waste transfer facility (Provide permit #):		
	<input type="checkbox"/>	Operation of a permitted hazardous waste treatment, storage or disposal (TSD) facility (Provide permit #):		
	<input type="checkbox"/>	Other (specify):		
	<input type="checkbox"/>	Management of solid or dissolved materials in irrigation return flows		
	<input type="checkbox"/>	Management of municipal and industrial discharges which are point sources subject to permits under Section 402 of the Federal Water Pollution Control Act, as amended		
	<input type="checkbox"/>	Management of radioactive materials as defined and regulated by the New Hampshire Rules for the Control of Radiation, He-P 2000 and He-P 4000		

(b)	SOLID WASTE MANAGEMENT ACTIVITIES WHICH ARE PERMIT-EXEMPT, AS FOLLOWS:			
	<input type="checkbox"/>	Management of stumps by above-ground methods, not including composting, pursuant to Env-Sw 302.03(b)(6), as follows:		
	<input type="checkbox"/>	Temporary stockpiling until transfer off-site for further management		
	<input type="checkbox"/>	Chipping/shredding and use of resulting chips as fuel, mulch, animal bedding and/or composting bulking agent		
	<input type="checkbox"/>	Collection, storage and transfer of the following:		
	<input type="checkbox"/>	Solid waste collected from highway rights-of-way by a local or state highway agency (note: permit exemption applies only if the collection site is owned/operated by the highway agency); [Ref. Env-Sw 408.07]		
	<input type="checkbox"/>	Concrete, brick, other inert masonry debris or asphalt [Ref. Env-Sw 302.03(b)(9)]		
	<input type="checkbox"/>	Processed (i.e., market ready, baled/packaged) select recyclables; (note: permit exemption applies only to select recyclables (i.e., paper, cardboard, glass, plastic, metals, textiles) which are received in a market ready condition); [Ref. Env-Sw 408.04]		
	<input type="checkbox"/>	Open burning of clean wood, limited to brush and slash measuring ≤ 5 inches in diameter and clean, untreated wood with a cross-sectional area ≤ 24 square inches; (note: permit exemption applies only when a permit to stockpile the wood for burning is issued by the DES Air Resources Division and the district forest ranger/local fire authorities have issued a permit to kindle the wood, and when stockpiling conforms to Env-Sw 404.05); [Ref. Env-Sw 508.05]		
	<input type="checkbox"/>	Collection and use of a processed select recyclable material to produce a waste-derived product certified pursuant to Env-Sw 1500; (identify the type of processed select recyclable: _____) and the type of certified waste-derived product: _____) [Ref. Env-Sw 508.06]		
	<input type="checkbox"/>	Collection and use of a processed non-select recyclable material to produce a waste-derived product certified pursuant to Env-Sw 1503.04, Env-Sw 1503.05 or Env-Sw 1503.07; (Identify the type of processed non-select recyclable: _____ and the type of certified waste-derived product: _____) [Ref. Env-Sw 508.07]		
	<input type="checkbox"/>	Burial of animal carcasses pursuant to Env-Sw 810.07 or Env-Sw 810.08		
	<input type="checkbox"/>	Landspreading wood ash pursuant to Env-Sw 1704		
	<input type="checkbox"/>	Conducting bench scale research and development projects pursuant to Env-Sw 302.03(b)(7)		
	<input type="checkbox"/>	Management of boiler slag from the combustion of coal, pursuant to Env-Sw 302.03(b)(8)		
	<input type="checkbox"/>	Burial of concrete, brick, other inert masonry debris or asphalt, as follows:		
	<input type="checkbox"/>	At the waste generation site pursuant to Env-Sw 810.04		
	<input type="checkbox"/>	From off-site locations pursuant to Env-Sw 302.03(b)(9)		
	(c)	<input type="checkbox"/>	Collection, storage and processing of wooden pallets and crates into wood chips, pursuant to Env-Sw 302.03(b)(10)	
		<input type="checkbox"/>	Management of a solid waste that has been formally declared by the generator, in accordance with Hazardous Waste Rule Env-Hw 502.01(c)(2), to be a hazardous waste, pursuant to Env-Sw 302.03(b)(5)	
<input type="checkbox"/>		Other (specify: _____ and provide rule cite: Env-Wm: _____)		
IDENTIFY ALL OTHER SOLID WASTE MANAGEMENT PERMITS ISSUED FOR THIS SITE:				
		PERMIT NUMBER	DATE ISSUED	FACILITY TYPE/ACTIVITY TYPE
		DES-SW-TP-92-025	12/10/92	Solid Waste Landfill
		DES-SW-TP-94-001	1/19/94	Processing Facility

SECTION III. STATUS OF OTHER PERMITS/APPROVALS

Using the chart below, provide a list of all local and other state or federal permits or approvals that are or may be required for the proposed facility. Some of the most commonly required permits have been listed for you. Indicate whether they apply and supply information relevant to their status, as shown. Add to the list as necessary. Use separate paper as necessary. Please print or type.

If no such permits or approvals are needed, please check here:

PERMIT IDENTIFICATION	CHECK IF PERMIT IS REQUIRED	DATE APPLICATION FILED/TO BE FILED	DATE ISSUED/APPROVED <i>(Attach a copy if issued)</i>
Permit from the DES Air Resources Division for open burning; combustion and incineration; other process emissions; and/or landfill gas control per the requirements of RSA 125-C, RSA 125-I and/or Env-A 100-1300.	<input type="checkbox"/>		
Groundwater Permit from the DES Groundwater Protection Bureau, per the requirements of RSA 485-A, RSA 485-C and/or Env-Wm 1403.	<input checked="" type="checkbox"/>		March 26, 2009
Permit from the DES Water Division to dredge, fill or significantly alter the terrain per the requirements of RSA 485-A:17 and Env-Ws 415.	<input checked="" type="checkbox"/>		
Permit from the DES Wetlands Bureau to dredge and fill in or adjacent to the surface waters of the state, per the requirements of RSA 482-A and Wt 100-800.	<input type="checkbox"/>		
Permit for driveway access onto any Class I or Class III highway or state maintained portion of a Class II highway, from the NH Department of Transportation (NHDOT), per the requirements of RSA 236:13.	<input type="checkbox"/>		
Permit from NHDOT to operate and maintain a junkyard within 1000 feet of, or visible from, the main traveled way of the interstate, federal aid primary, or turnpike systems, per the requirements of RSA 236:90-110.	<input type="checkbox"/>		
Local zoning approval or zoning variance.	<input type="checkbox"/>		
Local building permits and site plan approval(s).	<input checked="" type="checkbox"/>		
Other (specify):	<input type="checkbox"/>		

SECTION IV. LEGAL NOTIFICATIONS AND AGREEMENTS

(1) **“NOTICE OF FILING” REQUIREMENTS:** The permit applicant must notify certain parties that this permit application is being filed with DES and provide proof thereof with this application. The notice is referred to as a “notice of filing.” Read the following instructions to determine how to properly complete this requirement. See also attached template for preparing the required letters.

What information must the “notice of filing” contain?

As a minimum, the “notice of filing” must contain all of the “core” information, shown in the checklist below. In addition to providing the “core” information, there are instances where additional information must be included. The additional information is identified in Table IV-1 (see page 9 of this form).

- A statement that an application for a standard solid waste management facility permit is scheduled to be filed with DES, including the anticipated filing date;
- Facility identification and location, including facility name, street address and municipality;
- The name(s) and mailing address(es) of the applicant, facility owner, facility operator and property owner;
- A description of the activity(s) for which a permit is being sought, including, but not necessarily limited to:
 - The type(s) of waste management activities to be undertaken at the facility.
 - The quantity and type(s) of waste to be received by the facility.
 - The quantity and type(s) of waste to be stored at the facility.
 - The quantity and type(s) of waste to be processed or treated at the facility.
 - The facility service area.
 - The facility service type.
 - The facility life expectancy.
 - Other information required to accurately describe the scope and nature of the proposed activity(s).
 - The estimated date of facility construction and operation.
- Identification of the locally accessible place where a complete copy of the application will be placed by the applicant, on or before the date the application is actually filed with DES, for review by abutters and other interested persons during the application review process.
- Name, title, mailing address and telephone number of the individual associated with the applicant who will respond to inquiries about the application during the application review process.
- Name, title, mailing address and telephone number of the individual at DES who may be contacted regarding the application (call the DES-P&DRS at 603 271-2925 to obtain this information).
- Description of the application processing provisions as specified by the Solid Waste Rules, Env-Sw 304. (The description must be detailed sufficiently as to inform the notice recipient of the basic process steps and schedule. To satisfy this requirement, you may provide a “permit application process flow chart,” available from the DES-P&DRS by request).
- If the application includes a request for a waiver to any rule, a statement so indicating and specifically citing the rule(s).

Who must be notified?

Notification must be provided to the host municipality, the host solid waste management district, and all abutters. In some cases, certain other entities must also be notified. Use Table IV-1 (see page 9) to determine whom you must notify. Use the columns at the far right-hand side of the table to track the requirements.

How do I supply notice?

Each notice of filing must be sent by certified mail, return receipt requested, or delivered in hand, in which case the recipient's signature must be obtained on a statement that acknowledges receipt.

Send or deliver the notice no more than 30 days prior to the date you will file the application with DES.

What do I submit with this application?

To show proof of providing notification, you must submit the following with this application:

- List of persons/parties requiring notification (use Table IV-1 on page 9)
- Copy(s) of the notification letter(s)
- Signed receipts by the recipients

(2) **REQUIREMENTS RELATING TO LEGAL AGREEMENTS:** If the applicant and the property owner are not the same at the time you file this application, you must submit information in this section of the application demonstrating that the applicant has the legal right to occupy and use the property for the purposes stated in this application. If the applicant already owns the property, check here:

TABLE IV-1			TRACKING CHECKLIST (for use by applicant)		
Send "Notice of Filing" to...	When...	Include...	Check Here if Applicable	Date Sent	Date Rec'd
<u>Host Municipality</u> If a town, address to town clerk and selectmen If a city, address to city clerk and mayor and city council If an unincorporated place, address to county commissioners	Required for every application. Send within 30 days before filing application with DES.	All "core" information listed on page IV-1 of this application form and provide copy of permit application with the notice.	<input checked="" type="checkbox"/>		
<u>Host Solid Waste Management District</u> Address to the District Chairperson For assistance in identifying the correct district and mailing address, contact the DES Planning & Community Assistance Section at (603) 271-2900	Required for every application. Send within 30 days before filing application with DES.	All "core" information listed on page IV-1 of this application form and provide copy of permit application with the notice.	<input checked="" type="checkbox"/>		
<u>Affected local entity</u> , as defined by RSA 485-C:2,X Contact the DES Water Division at (603) 271-1168 to identify the correct "local entity" and mailing address	Required when a facility is located in a groundwater protection area classified as GAA or GA-1 pursuant to RSA 485-C. Send notice within 30 days before filing application with DES.	Provide copy of permit application with the notice. Include the following statement in the notice in addition to all of the "core" information listed on page IV-1 of this application form: "The subject facility is located in a groundwater protection area classified as GAA or GA-1 pursuant to RSA 485-C. Therefore, as required by RSA 485-C:14, DES will suspend action on the application for 30 days following the filing to allow the municipality and the affected local entity to submit written recommendations concerning the proposed project. A copy of the application is enclosed for review and comment. Please send written comments to DES-WMD, PO Box 95, Concord, NH 03302-0095".	<input checked="" type="checkbox"/>		
<u>NH Fish & Game Dept.</u> Endangered Species Coordinator 11 Hazen Drive Concord, NH 03302 Telephone: (603) 271-3017 <u>NH Dept. of Resources & Economic Development</u> <u>Natural Heritage Inventory</u> 172 Pembroke Road P.O. Box 1856 Concord, NH 03302-1856 Telephone: (603) 271-3623	When siting a facility within an area of threatened or endangered species. Send notice within 30 days before filing application with DES.	Provide a copy of permit application with the notice. Include the following statement in the notice in addition to all of the "core" information listed on page 7 of this application form: "The subject facility has a potential effect on a threatened or endangered species. Therefore, as required by NH Solid Waste Rule Env-Sw 303.09, you are hereby requested to provide written comments concerning the adequacy of the application relative to protecting threatened and endangered species. A copy of the permit application is enclosed for review and comment. To assure proper consideration of your concerns, if any, please submit written comments direct to the DES-WMD, P.O. Box 95, Concord, NH 03302-0095 within the next 30 days."	<input type="checkbox"/>		

TABLE IV-1

TRACKING CHECKLIST
(For use by applicant)

Send "Notice of Filing" to...	When...	Include...	Check Here if Applicable	Date Sent	Date Rec'd
<p><u>Federal Aviation Administration</u> NE Region, ANE-600 12 New England Executive Park Burlington, MA 01803</p> <p>Telephone: (781) 238-7612</p>	<p>Required when siting a facility which will manage putrescible waste within the protective radius of an airport, as follows:</p> <ul style="list-style-type: none"> ➤ Within 10,000 feet (3,048 meters) of any airport runway used by turbojet aircraft <li style="text-align: center;">-or- ➤ Within 5,000 feet (1,524 meters) of any airport runway used by only piston-type aircraft <p>Send notice within 30 days before filing application with DES.</p>	<p>All "core" information listed on page IV-1 of this application form and a copy of permit application with the notice.</p> <p>Include the following statement in the notice: "The subject facility proposes to manage putrescible waste within the protective radius of an airport, as specified by NH Solid Waste Rule Env-Sw 1002.04(c). Therefore, as required by NH Solid Waste Rule Env-Sw 303.10, you are hereby requested to provide written comments concerning the adequacy of the application relative to minimizing the risk of attracting birds that may be hazardous to aircraft. A copy of the permit application is enclosed for review and comment. To assure proper consideration of your concerns, if any, please submit written comments direct to the DES-WMD, PO Box 95, Concord, NH 03302-0095 within the next 30 days."</p>	<input type="checkbox"/>		
<p><u>Rivers Coordinator</u> NH Dept. of Environmental Services 29 Hazen Drive/PO Box 95 Concord, NH 03302-0095</p> <p>Telephone: (603) 271-3503</p> <p style="text-align: center;">and</p> <p><u>Chairman of the applicable Local River Management Advisory Committee</u> established pursuant to RSA 483:8. Contact the P&DRS at (603) 271-2925 to obtain name and mailing address of the appropriate chairman or find on the Internet at www.des.nh.gov/rivers</p>	<p>Required when the facility may affect any river or segment designated under RSA 483.</p> <p>Send notice within 30 days before filing the application with DES.</p>	<p>All "core" information listed on page IV-1 of this application form and a copy of permit application with the notice.</p> <p>Include the following statement in the notice: "The subject facility has a potential effect on a designated river. Therefore, as required by NH Solid Waste Rule Env-Sw 303.11 and RSA 483, you are hereby requested to provide written comments concerning the adequacy of the application relative to satisfying the requirements of RSA 483. A copy of the permit application is enclosed for review and comment. To assure proper consideration of your concerns, if any, please submit written comments direct to the DES-WMD, PO Box 95, Concord, NH 03302-0095 within the next 30 days."</p>	<input type="checkbox"/>		
<p><u>NH Dept. of Justice/Office of Attorney General</u> Environmental Protection Bureau 33 Capitol Street Concord, NH 03301</p> <p>Telephone: (603) 271-3679</p>	<p>Required when filing an application that subjects the applicant to a background/performance history investigation pursuant to Env-Sw 316.</p> <p>Does not apply to applicants that are public entities, such as a municipality, a solid waste management district, or state agency.</p> <p>Send notice before filing application with DES.</p>	<p>Provide completed Business Concern Disclosure and Personal History Disclosure Forms with the notice, as required by Env-Sw 316. See also Section X of this form.</p> <p>Include the following statement in the notice in addition to all of the "core" information listed on page IV-1 of this application form:</p> <p>"As specified by New Hampshire Solid Waste Rule Env-Sw 316, the required Business Concern and Personal History Disclosure Forms have been completed for the subject permit application and are transmitted herewith to your office for processing as part of the subject permit application."</p>	<input type="checkbox"/>		

TABLE IV-1			TRACKING CHECKLIST (For use by applicant)		
Send "Notice of Filing" to...	When...	Include...	Check Here if Applicable	Date Sent	Date Rec'd
<p><u>Abutters</u>, meaning any person who owns property adjacent to, or across a road, or stream from the property on which a solid waste facility may be permitted. In addition, if the applicant or owner of the facility site owns any abutting parcel of land, a "notice of filing" must be sent to the owner(s) of the next parcel(s) not owned by the applicant or facility site owner.</p> <p>For your convenience, list all such parties below and use the "tracking/checklist" columns at the far right-hand side of this table to document the dates the notice was sent and received.</p>	<p>Required for every application.</p> <p>Send notice within 30 days before filing application with DES.</p>	All "core" information listed on page IV-1 of this application form.	<input checked="" type="checkbox"/>		
TAX MAP & LOT NUMBERS	ABUTTER NAME & MAILING ADDRESS				
See Attached Abutters List.					

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: Town Clerk and Town Selectman Town of Madbury 13 Town Hall Road Madbury NH 03823	B. Received by (<i>Printed Name</i>)	C. Date of Delivery
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

7010 1670 0000 4190 9627

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: District Chairperson Lamprey Solid Waste Mgmt. District 24 Fitch Road Dover NH 03820-9564	B. Received by (<i>Printed Name</i>)	C. Date of Delivery
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

7010 1670 0000 4190 9634

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: J. Michael Joyal, City Manager City of Dover 288 Central Avenue Dover NH 03820-4169	B. Received by (<i>Printed Name</i>)	C. Date of Delivery
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

7010 1670 0000 4190 9641



SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Town Clerk and Selectman
Town of Madbury
13 Town Hall Road
Madbury, NH 03823

Dear Sir or Madam:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

New England Metal Recycling, LLC (NEMR) is the permit applicant, facility owner, facility operator, and property owner. The facility is currently operating under a temporary permit issued in 1994.

No changes in the types of recyclables to be managed at the facility are proposed. Materials which may be accepted at the facility include ferrous and non ferrous scrap metals for recycling. The maximum quantity of material to be received on average annually is 475,000 tons. The maximum quantity of material to be stored at the facility includes 50,000 tons of incoming material for processing, 35,000 tons of product and 12,000 tons of bypass residuals.

The facility will continue to receive material for recycling from residential and commercial suppliers in New Hampshire and out-of-state sources. As recycling is the primary function of the facility, the expected life of the facility is indefinite.

As indicated above, the application identifies proposed improvements which include:

- Installation of impervious surfaces (concrete and asphalt) in all operating and drive areas of the facility, allowing for the collection and treatment of storm water, as well as, limiting the potential for the mixing of materials with site soils, while providing a degree of control in the event of spills.
- Re-installation of a modernized shredder for the processing of bulk ferrous/non-ferrous metals. This equipment will enhance material management and improve upon the quality of materials being recovered for recycling.

- Relocation of retail and commercial non-ferrous operations to a new building to conduct the purchasing, processing and shipment of non-ferrous materials, while providing for covered storage and loading areas. Conducting operations under cover will enhance storm water quality, material management and improve upon the quality of materials being recovered for recycling.
- Construction of a new scale house and installation of an additional truck scale to improve upon the flow of traffic and limit idle time for vehicles upon entering and exiting the facility.
- Relocation of the maintenance operations to a new building to allow equipment and vehicle maintenance to take place on a concrete surface and under cover.
- Construction of a new office building to provide for improved office space, employee locker and break rooms, and modernized sanitary facilities for employees.

For additional information about the facility you may contact me at the address and telephone number indicated on the letterhead. In addition, a copy of the permit application will be available at the following locations for public review throughout the permit application process:

- The facility office on Knox Marsh Road;
- Madbury Town Offices; and
- The NHDES Offices on Hazen Drive, Concord, New Hampshire.

The New Hampshire Solid Waste Rules specify procedures for review and issuance/denial of a permit application. Procedures involve a series of steps which are depicted on the enclosed flow chart. If you have questions about the permit application review process or wish to comment on the subject application, please contact Mr. Michael E. Guilfooy, P.E. of the New Hampshire DES at (603) 271-2925.

Sincerely,

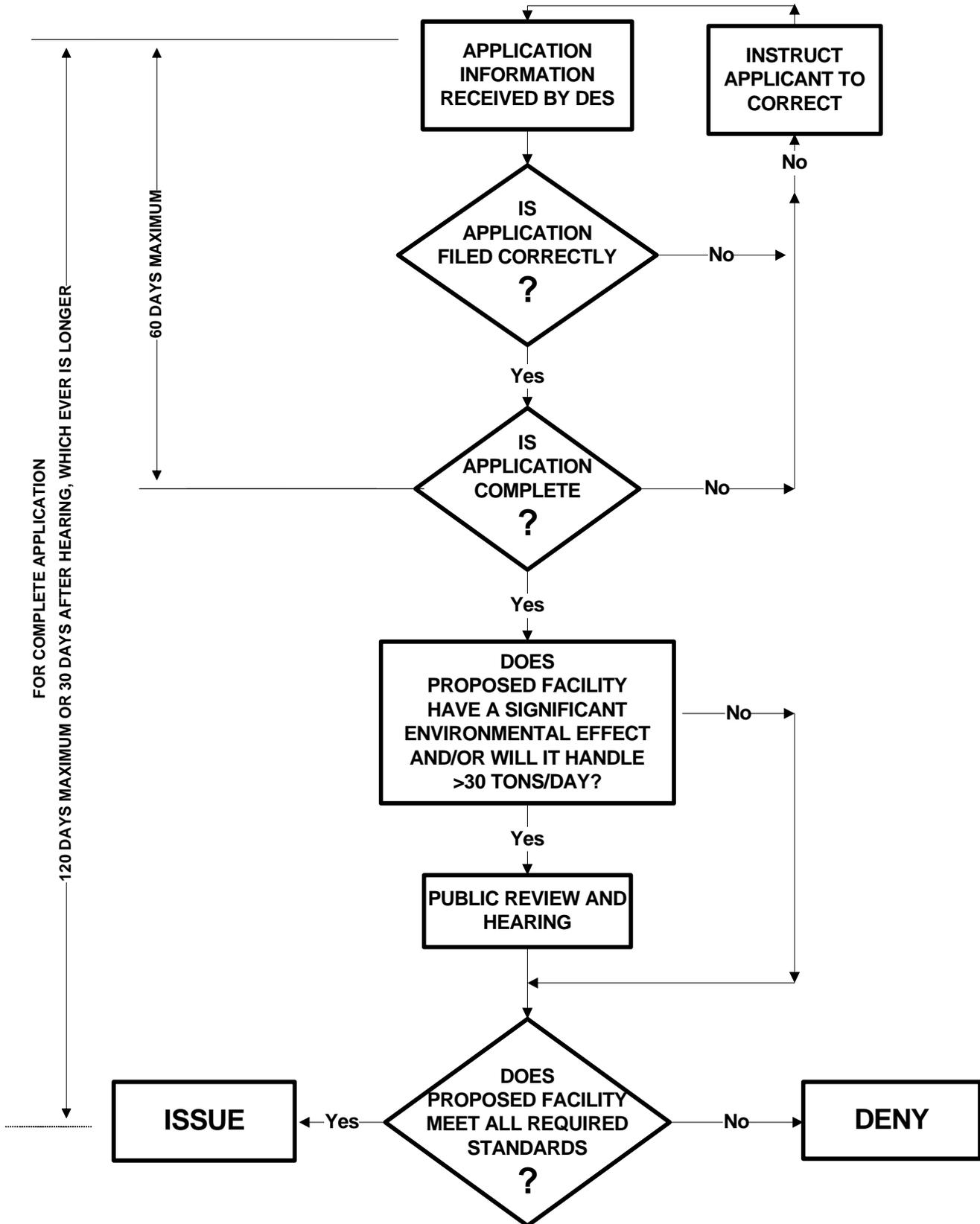
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

District Chairperson
Lamprey Solid Waste Management District
24 Fitch Road
Dover, NH 03820-9564

Dear Sir or Madam:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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No changes in the types of recyclables to be managed at the facility are proposed. Materials which may be accepted at the facility include ferrous and non ferrous scrap metals for recycling. The maximum quantity of material to be received on average annually is 475,000 tons. The maximum quantity of material to be stored at the facility includes 50,000 tons of incoming material for processing, 35,000 tons of product and 12,000 tons of bypass residuals.

The facility will continue to receive material for recycling from residential and commercial suppliers in New Hampshire and out-of-state sources. As recycling is the primary function of the facility, the expected life of the facility is indefinite.

As indicated above, the application identifies proposed improvements which include:

- Installation of impervious surfaces (concrete and asphalt) in all operating and drive areas of the facility, allowing for the collection and treatment of storm water, as well as, limiting the potential for the mixing of materials with site soils, while providing a degree of control in the event of spills.
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- Relocation of retail and commercial non-ferrous operations to a new building to conduct the purchasing, processing and shipment of non-ferrous materials, while providing for covered storage and loading areas. Conducting operations under cover will enhance storm water quality, material management and improve upon the quality of materials being recovered for recycling.
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For additional information about the facility you may contact me at the address and telephone number indicated on the letterhead. In addition, a copy of the permit application will be available at the following locations for public review throughout the permit application process:

- The facility office on Knox Marsh Road;
- Madbury Town Offices; and
- The NHDES Offices on Hazen Drive, Concord, New Hampshire.

The New Hampshire Solid Waste Rules specify procedures for review and issuance/denial of a permit application. Procedures involve a series of steps which are depicted on the enclosed flow chart. If you have questions about the permit application review process or wish to comment on the subject application, please contact Mr. Michael E. Guilfooy, P.E. of the New Hampshire DES at (603) 271-2925.

Sincerely,

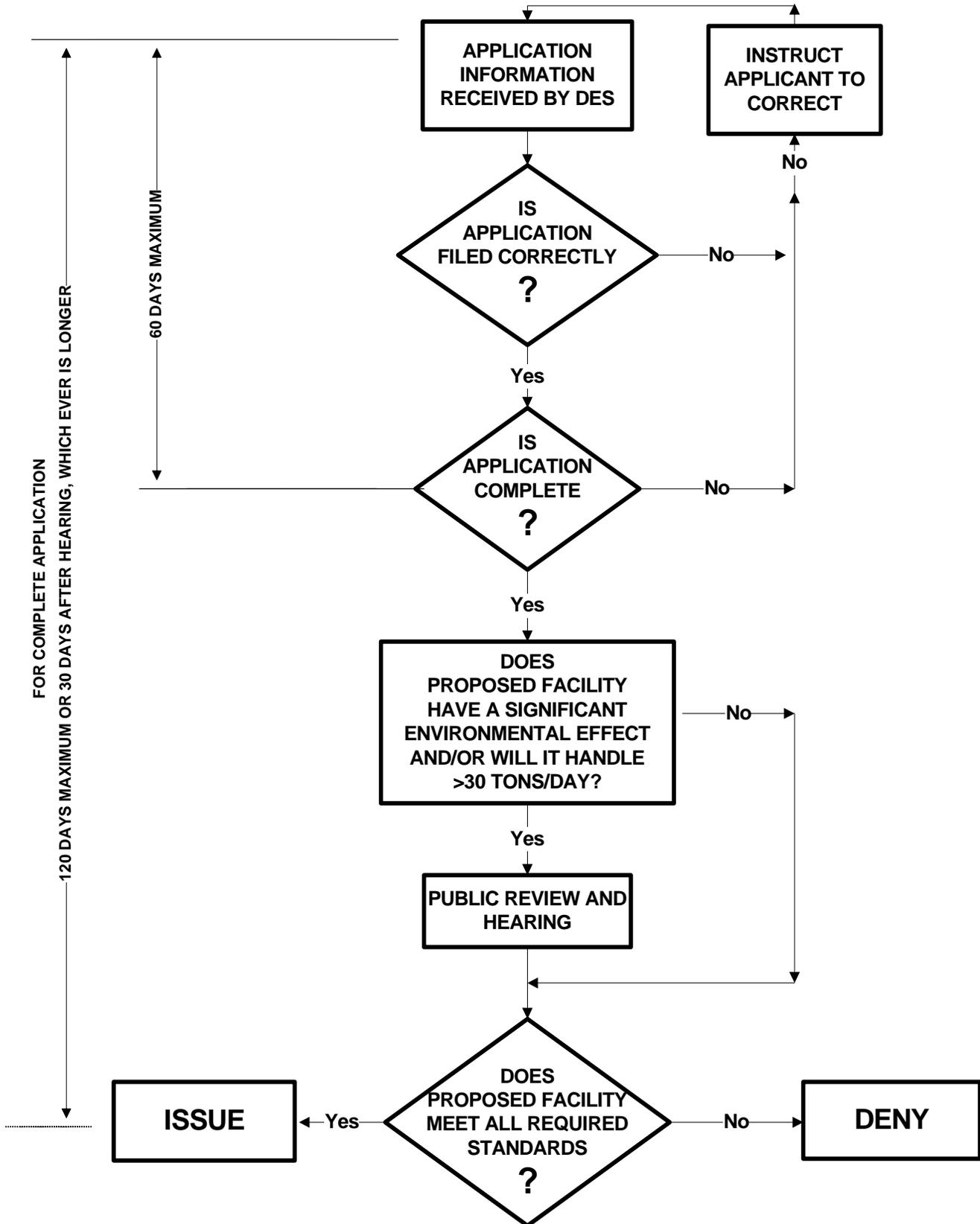
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

J. Michael Joyal, City Manager
City of Dover
288 Central Avenue
Dover, NH 03820-4169

Dear Mr. Joyal:

Pursuant to the requirements of RSA 149-M and RSA 485-C:2.X and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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As indicated above, the application identifies proposed improvements which include:

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- Relocation of the maintenance operations to a new building to allow equipment and vehicle maintenance to take place on a concrete surface and under cover.
- Construction of a new office building to provide for improved office space, employee locker and break rooms, and modernized sanitary facilities for employees.

For additional information about the facility you may contact me at the address and telephone number indicated on the letterhead. In addition, a copy of the permit application is enclosed and will be available at the following locations for public review throughout the permit application process:

- The facility office on Knox Marsh Road;
- Madbury Town Offices; and
- The NHDES Offices on Hazen Drive, Concord, New Hampshire.

The New Hampshire Solid Waste Rules specify procedures for review and issuance/denial of a permit application. The subject facility is located in a groundwater protection area classified as GAA or GA-1 pursuant to RSA 485-C. Therefore, as required by RSA 485-C:14, DES will suspend action on the application for 30 days following the filing to allow the municipality and the affected local entity to submit written recommendations concerning the proposed project. A copy of the application is enclosed for review and comment. Please send written comments to DES-WMD, PO Box 95, Concord, NH 03302-0095.

Sincerely,

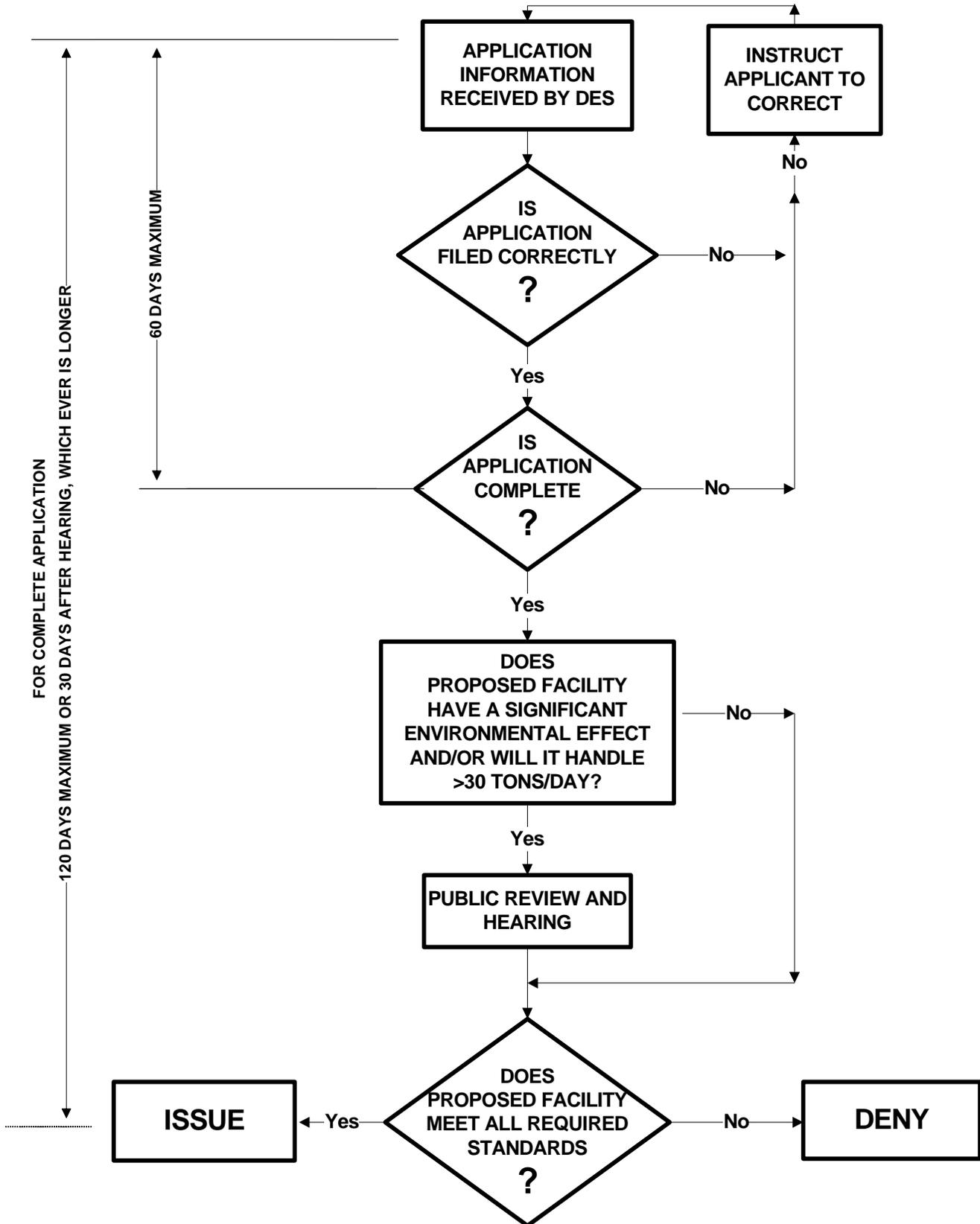
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**



Abutters List
New England Metal Recycling, LLC
290 Knox Marsh Road
Manbury, New Hampshire

Applicant: New England Metal Recycling, LLC

Subject Parcel: Tax Map 9, Lot 5

Abutters:

Tax Map	Lot(s)	Property Owner (s)	Street Address	Mailing Address	Date Sent	Date Rec'd
3	49	State of New Hampshire	Knox Marsh Road Madbury, NH 03823	Div. of Public Works and Highways Concord Rd. Durham, NH 03824	1/26/2011	
3	50	Tana Properties Limited Partnership	Knox Marsh Road Madbury, NH 03823	20 Trafalgar Square Suite 602 Nashua, NH 03060	1/26/2011	
9	1	Cragin Living Revocable Trust Patrick J. Cragin, TTSS	256 Knox Marsh Road Madbury, NH 03823	P.O. Box 250 Dover, NH 03820	1/26/2011	
9	2	Frank S. Davis and Betty L. Davis	278 Knox Marsh Road Madbury, NH 03823	278 Knox Marsh Road Madbury, NH 03823	1/26/2011	
9	3	Charles Street Holding LLC	282 Knox Marsh Road Madbury, NH 03823	282 Knox Marsh Road Madbury, NH 03823	1/26/2011	
9	4	Harvest Broadcasting	284 Knox Marsh Road Madbury, NH 03823	P.O. Box 84 Worthington, MA 01098	1/26/2011	
9	5A	Town of Madbury	24 Pudding Hill Road Madbury, NH 03823	13 Town Hall Road Madbury, NH 03823	1/26/2011	
9	6	Robert Garland	14 Pudding Hill Road Madbury, NH 03823	14 Pudding Hill Road Madbury, NH 03823	1/26/2011	
9	62	Fresh Pond Realty Trust	Bellamy River Madbury, NH 03823	P.O. Box 540 Wakefield, MA 01880	1/26/2011	
9	63A	Paul Martel and Lionel Martel	60 Pudding Hill Road Madbury, NH 03823	7 Drew Road Dover, NH 03820	1/26/2011	
7	15A	Temple Revocable Trust Jean Temple, TTEE	Knox Marsh Road Madbury, NH 03823	303 Knox Marsh Road Madbury, NH 03823	1/26/2011	
7	15	Temple Revocable Trust Jean Temple, TTEE	303 Knox Marsh Road Madbury, NH 03823	303 Knox Marsh Road Madbury, NH 03823	1/26/2011	
7	16	New England Metal Recycling	305 Knox Marsh Road Madbury, NH 03823	Legal Department 3200 NW Yeon Portland, OR 97210	1/26/2011	

Notes:

1. The abutter information shown above was confirmed with information obtained from the Town of Madbury assessor's office on December 6, 2010.

7010 1670 0000 4190 9580

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

DURHAM NH 03824

Postage	\$ 0.44	0301
Certified Fee	\$2.80	14
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$5.54	01/26/2011



Sent To
Mr. Douglas M. DePorter
State of New Hampshire
Division of Public Works and Highways
PO Box 740
Durham NH 03824-0740

PS Form 3800, A

7010 1670 0000 4190 9528

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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For delivery information visit our website at www.usps.com®

DOVER NH 03820

Postage	\$ 0.44	0301
Certified Fee	\$2.80	14
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$5.54	01/26/2011



Sent To
Cragin Living Revocable Trust
Patrick J. Cragin, TTSS
PO Box 250
Dover NH 03820

PS Form 3800, A

7010 1670 0000 4190 9511

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

MADBURY NH 03823

Postage	\$ 0.44	0301
Certified Fee	\$2.80	14
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$5.54	01/26/2011



Sent To
Charles Street Holding LLC
282 Knox Marsh Road
Madbury NH 03823

PS Form 3800, A

7010 1670 0000 4190 9597

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

NASHUA NH 03060

Postage	\$ 0.44	0301
Certified Fee	\$2.80	14
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$5.54	01/26/2011



Sent To
Tana Properties Limited Partnership
20 Trafalgar Square
Suite 602
Nashua NH 03060

PS Form 3800, A

7010 1670 0000 4190 9535

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

MADBURY NH 03823

Postage	\$ 0.44	0301
Certified Fee	\$2.80	14
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$5.54	01/26/2011



Sent To
Frank S. Davis and Betty L. Davis
278 Knox Marsh Road
Madbury NH 03823

PS Form 3800, A

7010 1670 0000 4190 9566

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

WORTHINGTON MA 01098

Postage	\$ 0.44	0301
Certified Fee	\$2.80	14
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$5.54	01/26/2011



Sent To
Harvest Broadcasting
PO Box 84
Worthington, MA 01098

PS Form 3800, A

7010 1670 0000 30 9610

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

MADURY NH 03823
OFFICIAL USE

Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$5.54

0301
14
Postmark Here
JAN 26 2011
CONCORD NH
USPS - 03301
01/26/2011

Sent To
Ms. Kitty Cornwell, Town Clerk
Town of Madbury
13 Town Hall Road
Madbury NH 03823

PS Form 3800, Au

7010 0000 4190 9542

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

WAKEFIELD MA 01880
OFFICIAL USE

Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$5.54

0301
14
Postmark Here
JAN 26 2011
CONCORD NH
USPS - 03301
01/26/2011

Sent To
Fresh Pond Realty Trust
PO Box 540
Wakefield MA 01880

PS Form 3800, Au

7010 1670 0000 4190 9603

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

MADURY NH 03823
OFFICIAL USE

Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$5.54

0301
14
Postmark Here
JAN 26 2011
CONCORD NH
USPS - 03301
01/26/2011

Sent To
Temple Revocable Trust
Jean Temple, TTEE
303 Knox Marsh Road
Madbury NH 03823

PS Form 3800, Au

7010 1670 0000 4190 9559

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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14 Pudding Hill Road
Madbury NH 03823

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Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$5.54

0301
14
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JAN 26 2011
CONCORD NH
USPS - 03301
01/26/2011

Sent To
Mr. Paul Martel and
Mr. Loinel Martel
7 Drew Road
Dover NH 03820

PS Form 3800, Au



SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Mr. Douglas M. DePorter
State of New Hampshire
Division of Public Works and Highways
Durham, NH 03824

Dear Mr. DePorter:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

New England Metal Recycling, LLC (NEMR) is the permit applicant, facility owner, facility operator, and property owner. The facility is currently operating under a temporary permit issued in 1994.

No changes in the types of recyclables to be managed at the facility are proposed. Materials which may be accepted at the facility include ferrous and non ferrous scrap metals for recycling. The maximum quantity of material to be received on average annually is 475,000 tons. The maximum quantity of material to be stored at the facility includes 50,000 tons of incoming material for processing, 35,000 tons of product and 12,000 tons of bypass residuals.

The facility will continue to receive material for recycling from residential and commercial suppliers in New Hampshire and out-of-state sources. As recycling is the primary function of the facility, the expected life of the facility is indefinite.

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- Re-installation of a modernized shredder for the processing of bulk ferrous/non-ferrous metals. This equipment will enhance material management and improve upon the quality of materials being recovered for recycling.

- Relocation of retail and commercial non-ferrous operations to a new building to conduct the purchasing, processing and shipment of non-ferrous materials, while providing for covered storage and loading areas. Conducting operations under cover will enhance storm water quality, material management and improve upon the quality of materials being recovered for recycling.
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- Construction of a new office building to provide for improved office space, employee locker and break rooms, and modernized sanitary facilities for employees.

For additional information about the facility you may contact me at the address and telephone number indicated on the letterhead. In addition, a copy of the permit application will be available at the following locations for public review throughout the permit application process:

- The facility office on Knox Marsh Road;
- Madbury Town Offices; and
- The NHDES Offices on Hazen Drive, Concord, New Hampshire.

The New Hampshire Solid Waste Rules specify procedures for review and issuance/denial of a permit application. Procedures involve a series of steps which are depicted on the enclosed flow chart. If you have questions about the permit application review process or wish to comment on the subject application, please contact Mr. Michael E. Guilfooy, P.E. of the New Hampshire DES at (603) 271-2925.

Sincerely,

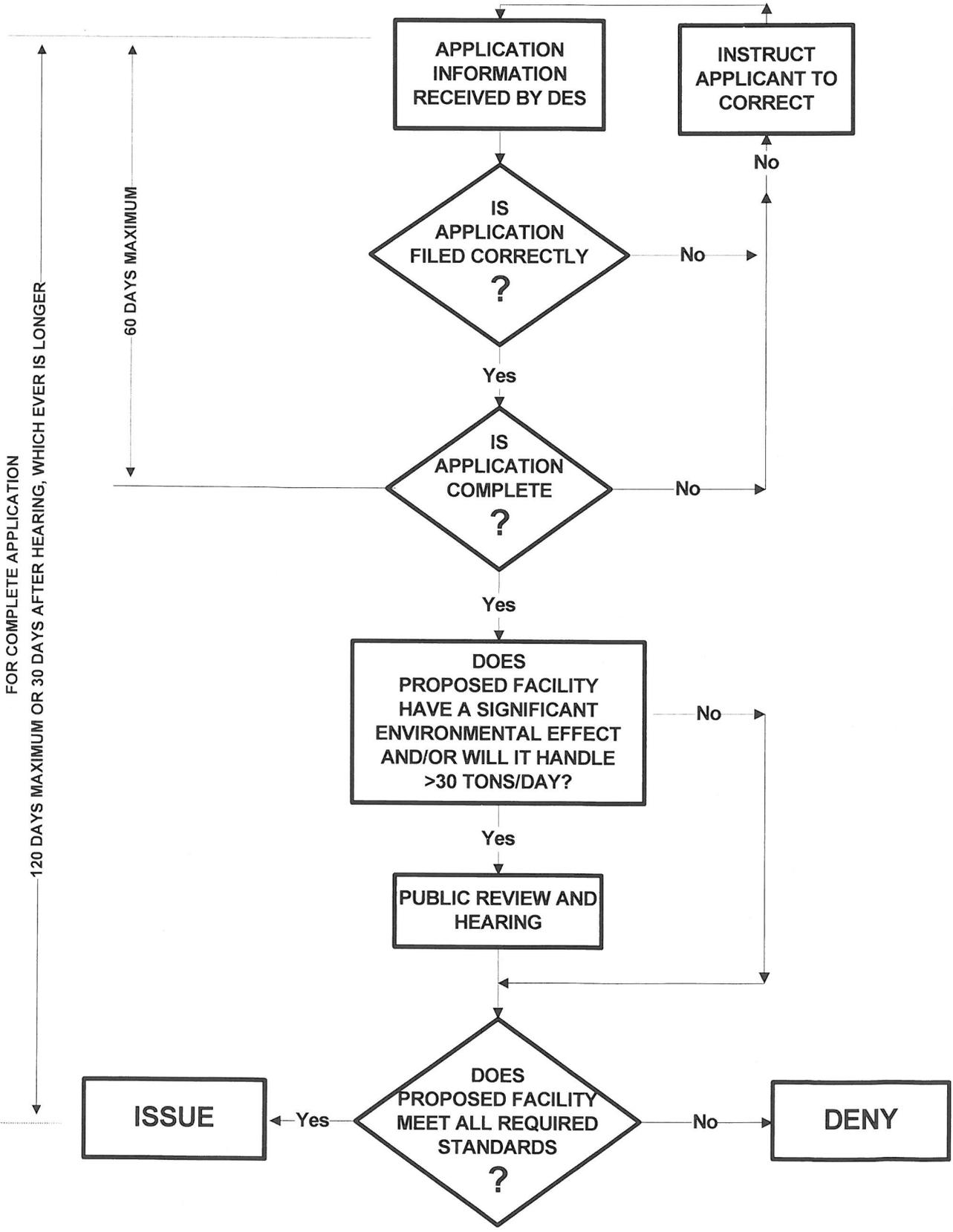
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Tana Properties Limited Partnership
20 Trafalgar Square
Suite 602
Nashua, NH 03060

Dear Sir or Madam:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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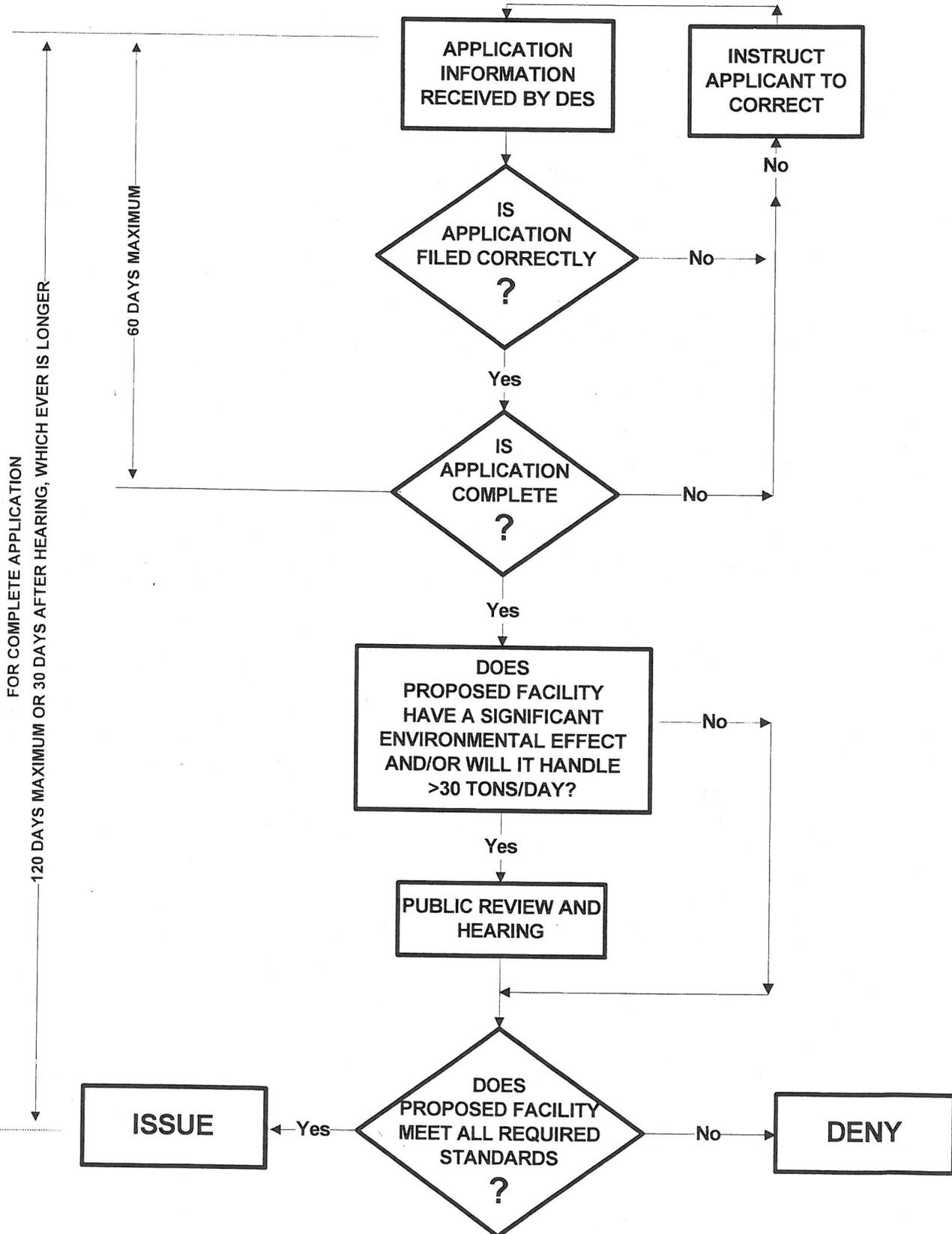
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Cragin Living Revocable Trust
Patrick J. Cragin, TTSS
PO Box 250
Dover, NH 03820

Dear Mr. Cragin:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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Sincerely,

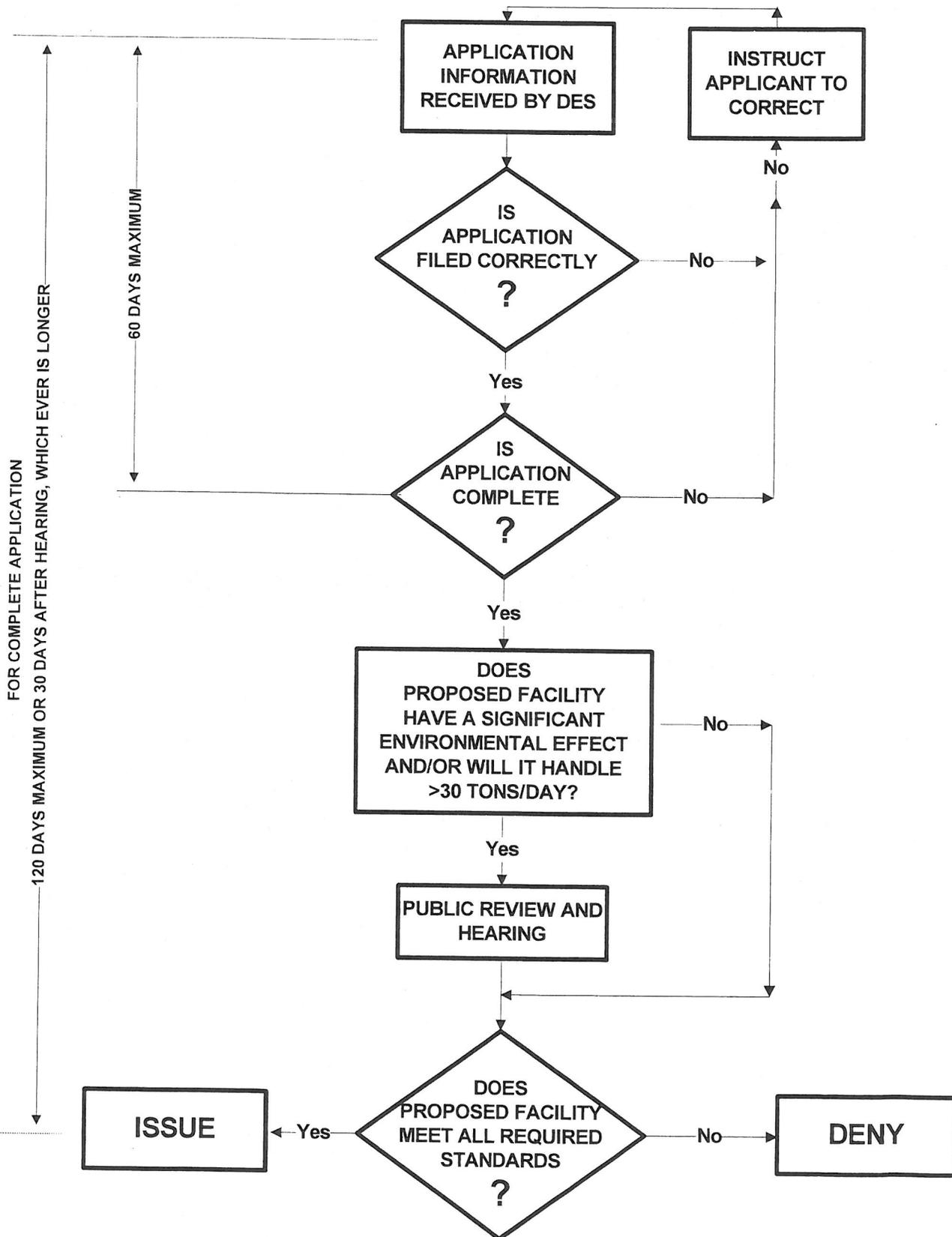
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Frank S. Davis and
Betty L. Davis
278 Knox Marsh Road
Madbury, NH 03823

Dear Sir or Madam:

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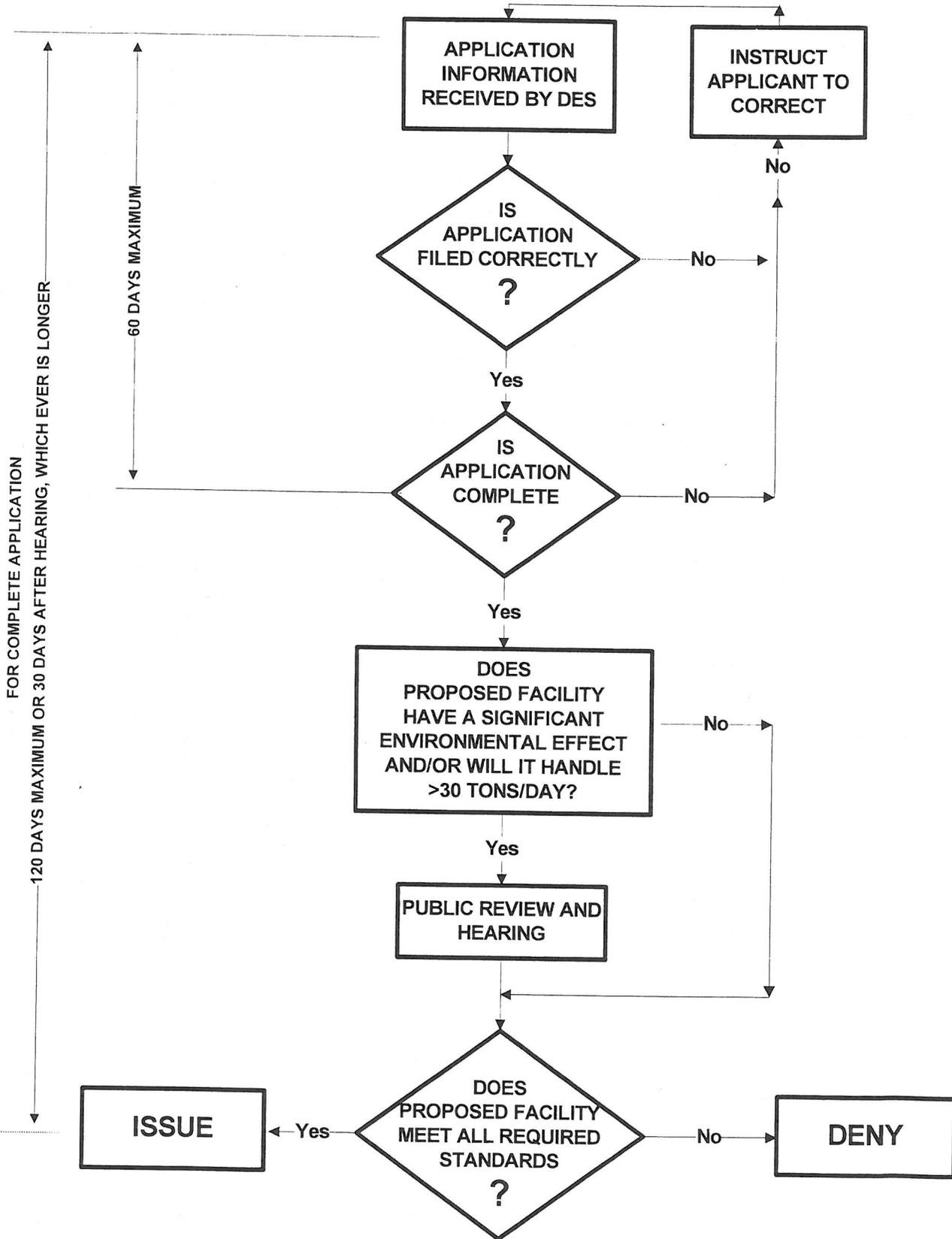
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Charles Street Holding LLC
282 Knox Marsh Road
Madbury, NH 03823

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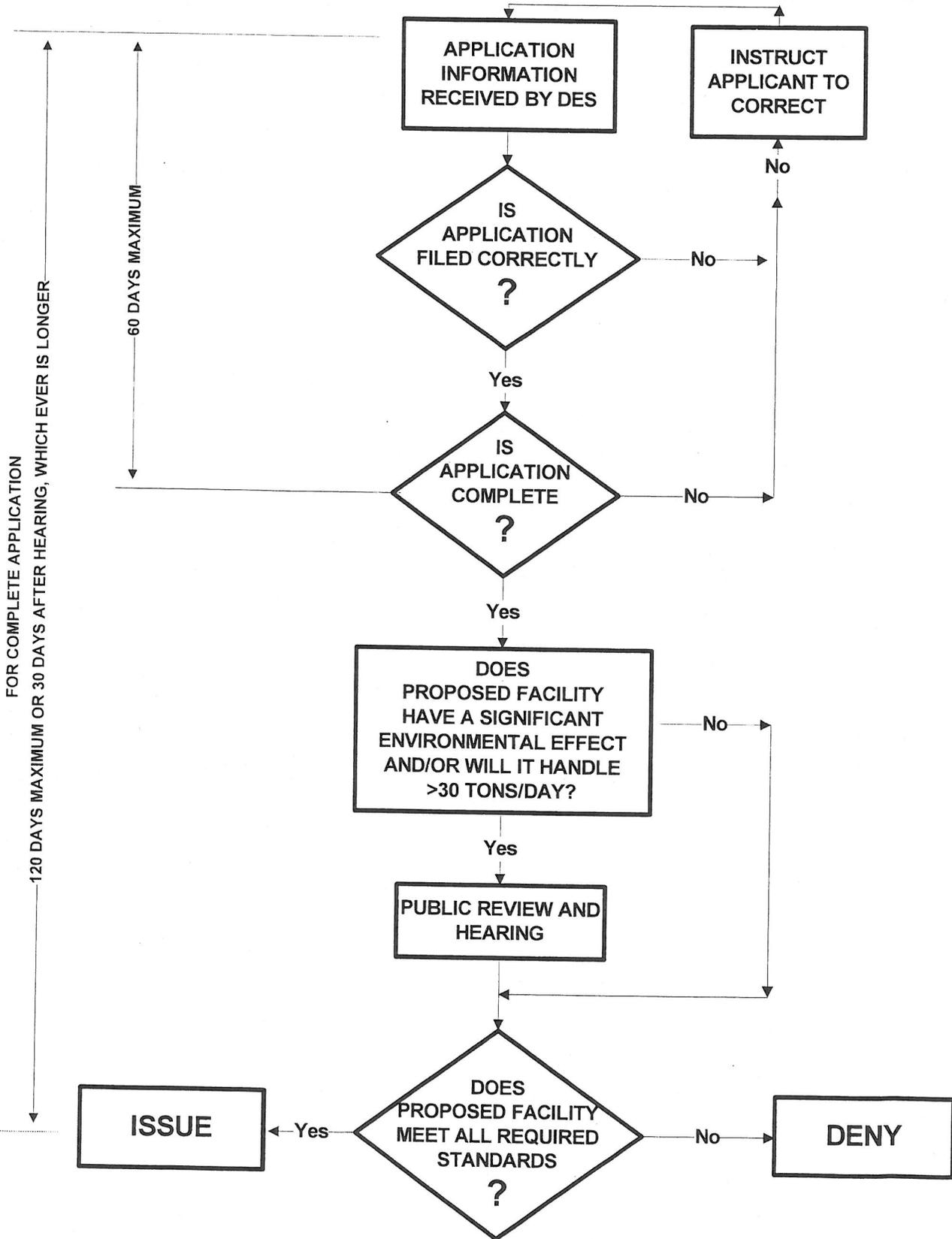
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Harvest Broadcasting
PO Box 84
Worthington, MA 01098

Dear Sir or Madam:

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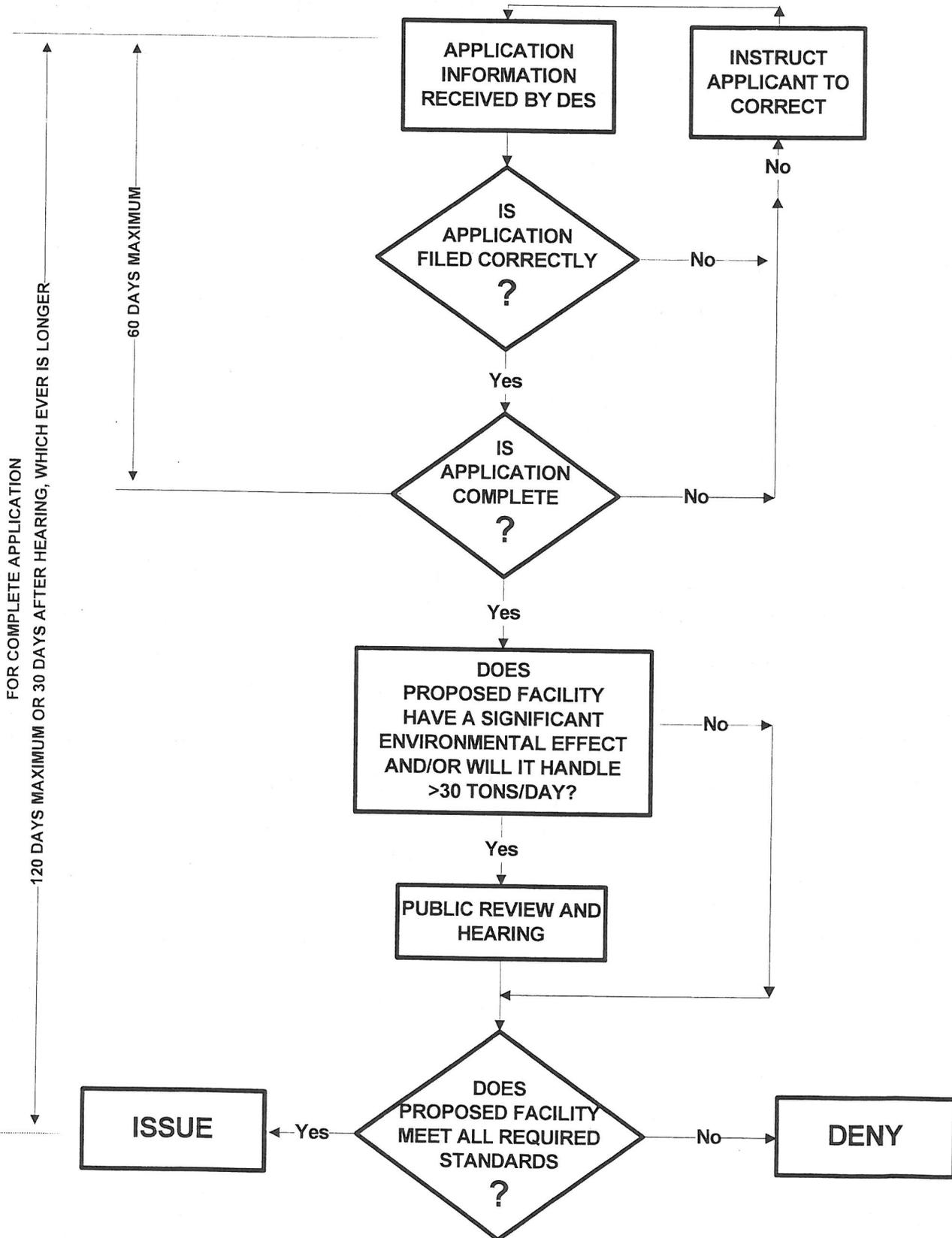
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Ms. Kitty Cornwell
Town of Madbury
13 Town Hall Road
Madbury, NH 03823

Dear Ms. Cornwell:

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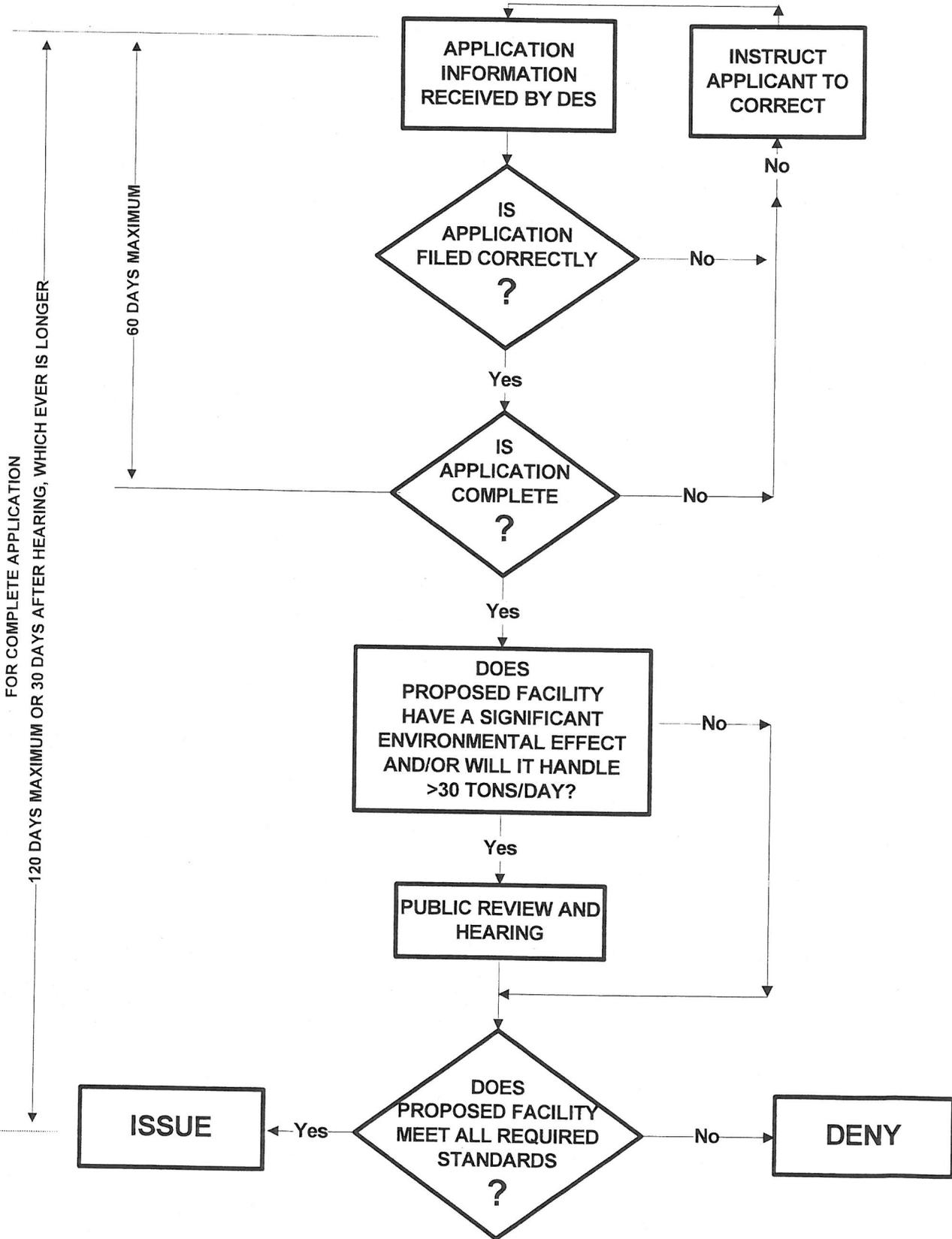
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Mr. Robert Garland
14 Pudding Hill Road
Madbury, NH 03823

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No changes in the types of recyclables to be managed at the facility are proposed. Materials which may be accepted at the facility include ferrous and non ferrous scrap metals for recycling. The maximum quantity of material to be received on average annually is 475,000 tons. The maximum quantity of material to be stored at the facility includes 50,000 tons of incoming material for processing, 35,000 tons of product and 12,000 tons of bypass residuals.

The facility will continue to receive material for recycling from residential and commercial suppliers in New Hampshire and out-of-state sources. As recycling is the primary function of the facility, the expected life of the facility is indefinite.

As indicated above, the application identifies proposed improvements which include:

- Installation of impervious surfaces (concrete and asphalt) in all operating and drive areas of the facility, allowing for the collection and treatment of storm water, as well as, limiting the potential for the mixing of materials with site soils, while providing a degree of control in the event of spills.
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- Relocation of retail and commercial non-ferrous operations to a new building to conduct the purchasing, processing and shipment of non-ferrous materials, while providing for covered storage and loading areas. Conducting operations under cover will enhance storm water quality, material management and improve upon the quality of materials being recovered for recycling.
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Sincerely,

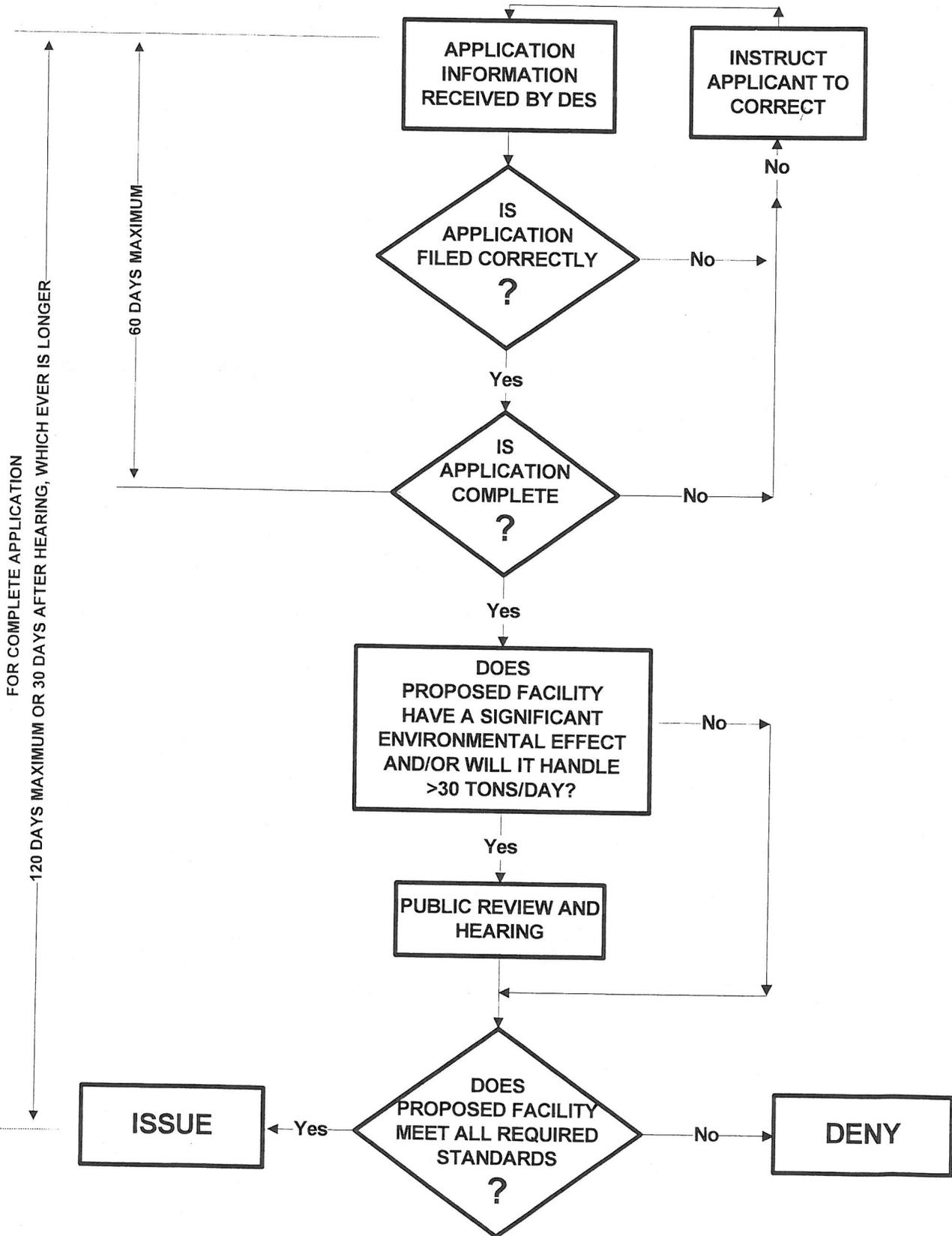
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Fresh Pond Realty Trust
PO Box 540
Wakefield, MA 01880

Dear Sir or Madam:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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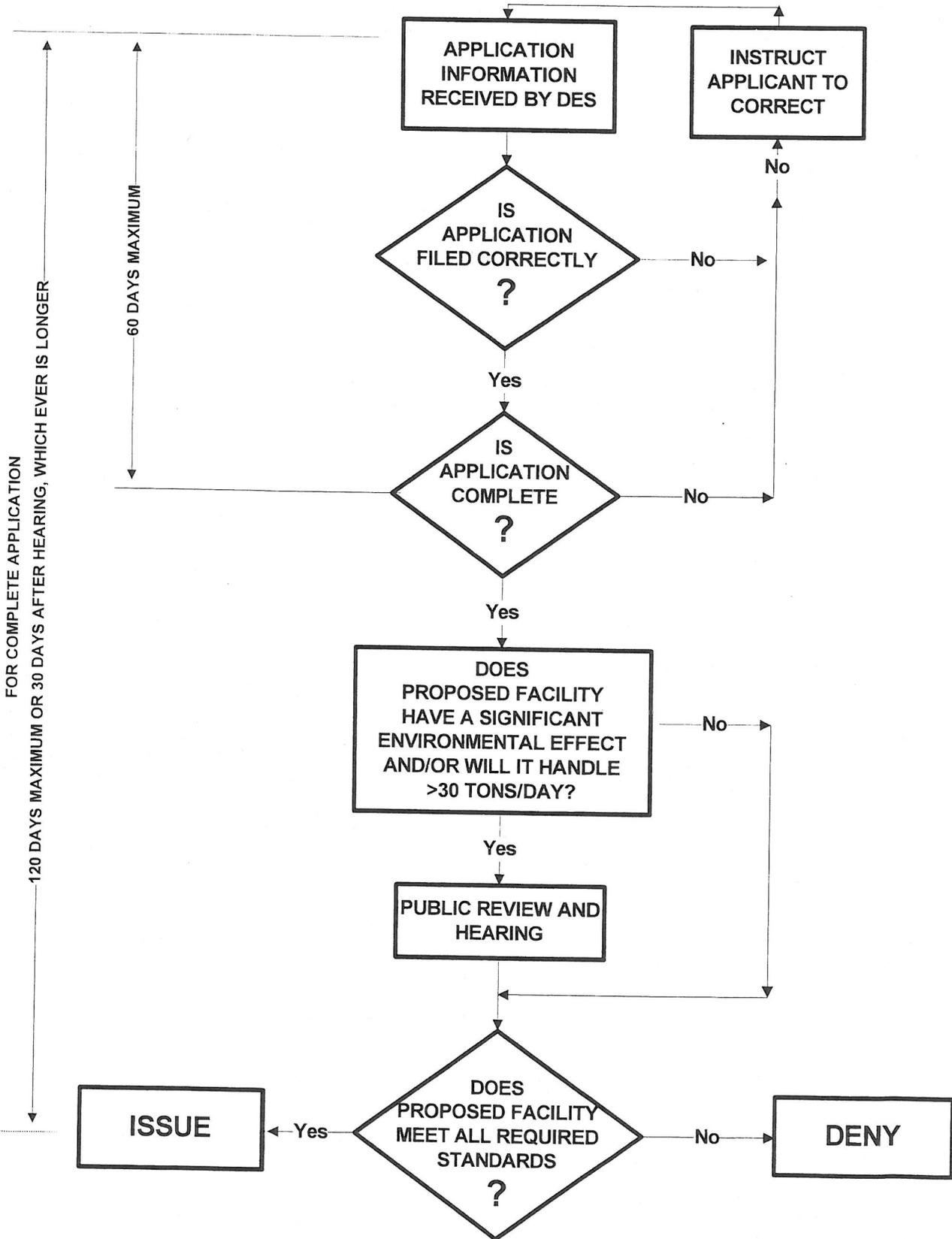
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Mr. Paul Martel and
Mr. Lionel Martel
7 Drew Road
Dover, NH 03820

Dear Mr. Martel:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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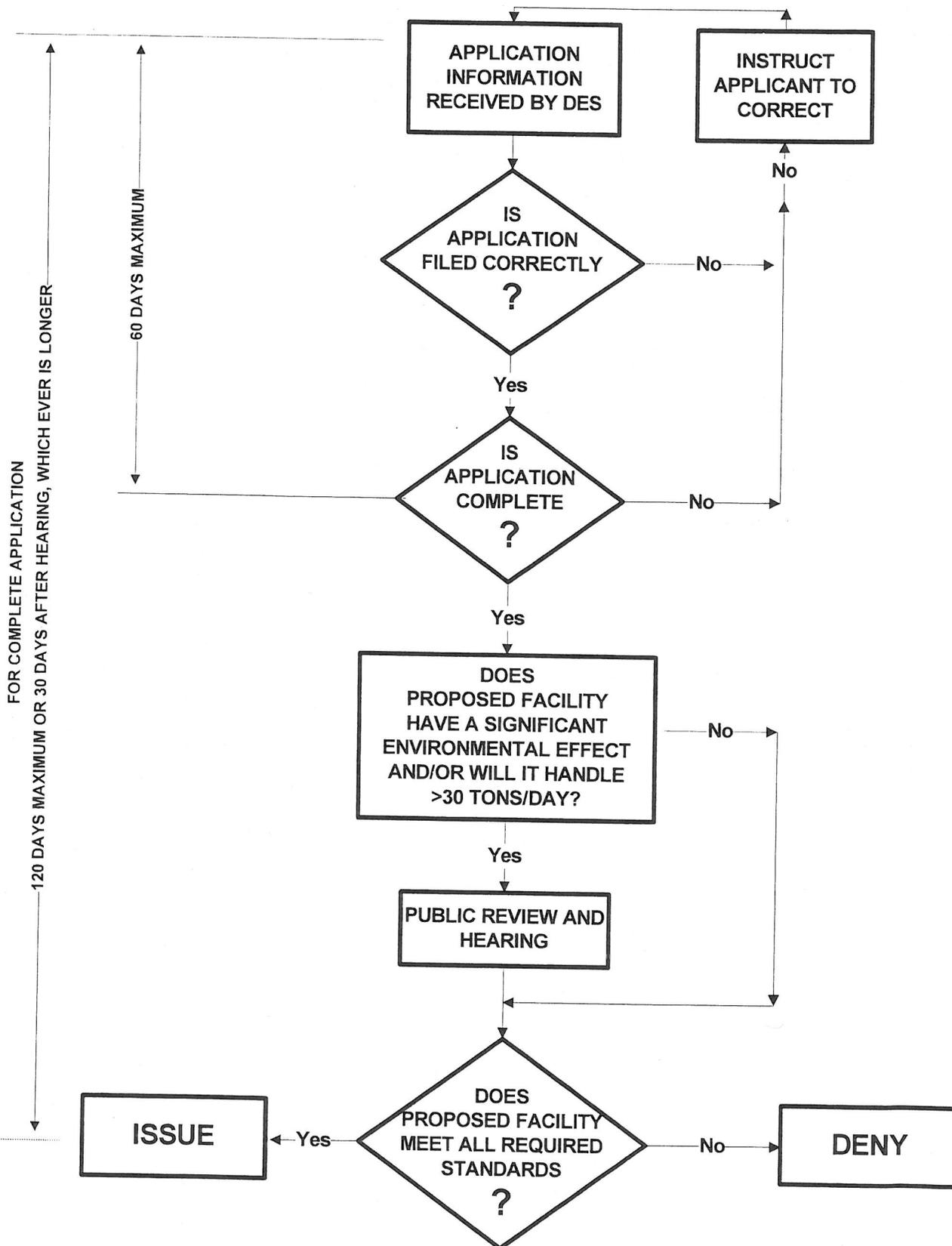
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**





SCHNITZER STEEL INDUSTRIES, INC.

25 Sandquist Street Concord, New Hampshire 03301-3558
Phone: (603) 225-2267 Fax: (603) 225-0656

January 26, 2011

Certified Mail
Return Receipt

Re: Solid Waste Permit Application
New England Metal Recycling, LLC
Madbury, New Hampshire

Temple Revocable Trust
Jean Temple, TTEE
303 Knox Marsh Road
Madbury, NH 03823

Dear Ms. Temple:

Pursuant to the requirements of RSA 149-M and the New Hampshire Solid Waste Rules, you are hereby notified that application is being made to the New Hampshire Department of Environmental Services (NHDES) to obtain a Standard Permit to Construct and Operate a Solid Waste Collection/Storage/Transfer Facility for the New England Metal Recycling, LLC, facility located on Knox March Road (Route 155) in Madbury, New Hampshire. The Application is scheduled to be filed on January 28, 2011 and proposes improvements in the facility and its operation.

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Sincerely,

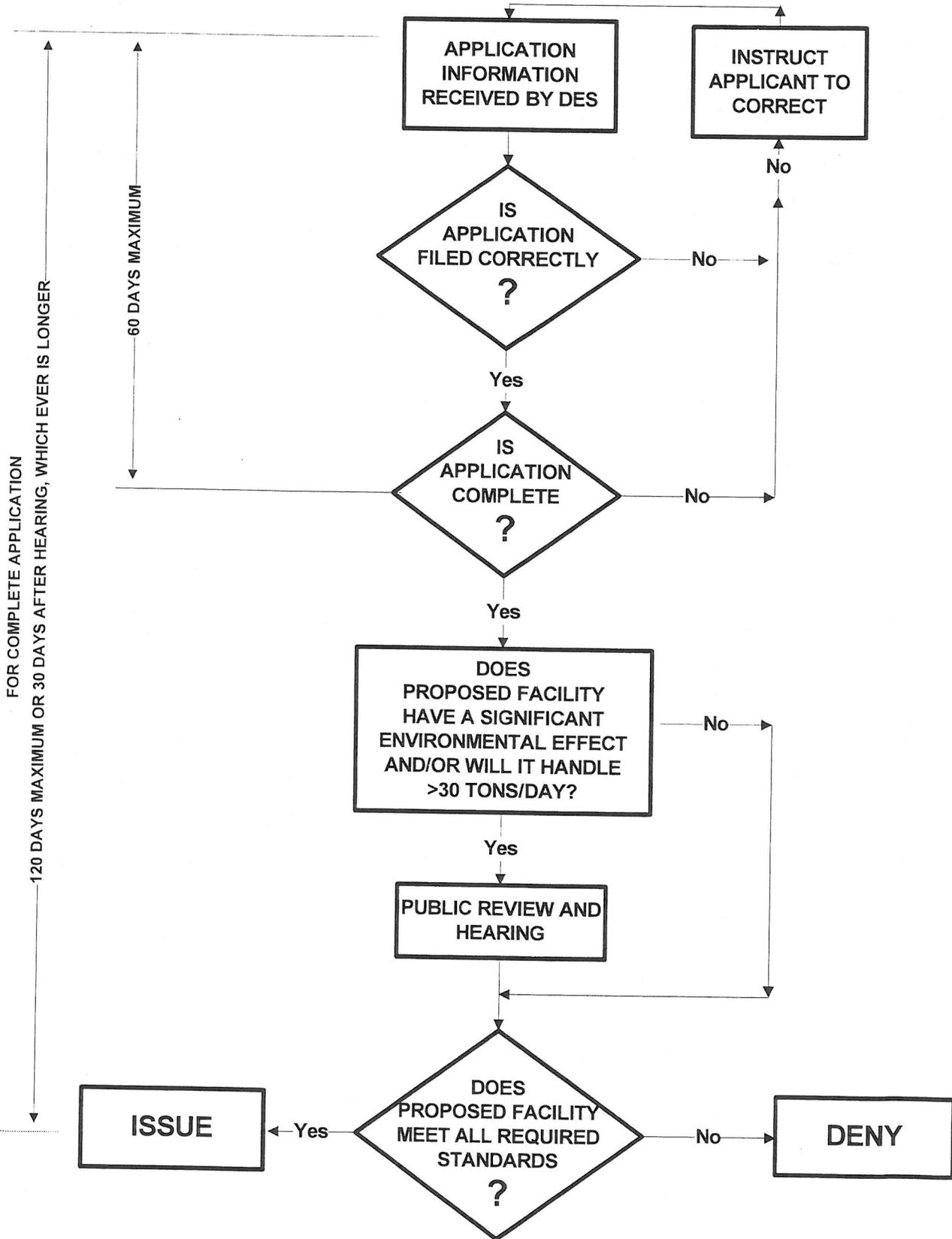
Joseph J. Nicolella, Jr.
General Manager – NH Operations

cc: NHDES

Encl: Permit Application Flow Chart



**STANDARD PERMIT APPLICATION PROCESSING PROVISIONS
AS PROVIDED IN PARTS Env-Sw 303 - 305
OF THE NEW HAMPSHIRE SOLID WASTE RULES**



SECTION V. SITE REPORT

(1) Prepare and submit a Site Report which demonstrates that:

- The location of the facility complies with all applicable siting requirements, as noted in:
 - Env-Sw 400.
 - Env-Sw 900, if the facility will manage asbestos, ash, contaminated soils or other media, infectious waste or tires.
 - Env-Sw 1000.
 - Env-Sw 1100, if the facility has an active life longer than 90 days.
- The facility site is, in all other respects, a suitable location for the facility.

(2) To support the demonstration required by (1) above, the Site Report must include, as a minimum:

- A copy of the local tax map(s) which shows the property on which the facility will be sited and which identifies all abutters required to be notified pursuant to Env-Sw 303 (see also Section IV of this form).
 - Map(s) identifying surrounding land use and zoning.
 - A narrative description of the site, including:
 - A physical description.
 - A 50-year history of the use(s) of the site.
 - A discussion of any known or suspected conditions at the site which are or should be of environmental, public health or safety concern.
 - Map(s) and narrative discussion of the facility's proximity to and potential impact on sensitive environments, including, but not limited to:
 - Flood hazard zones.
 - Wetlands.
 - Habitat for endangered or threatened species.
 - Designated rivers and protected shorelands.
 - Other surface waters.
 - Water supplies.
 - Airports, if the facility will manage putrescible waste.
 - A hydrogeological report/study of the site.
 - Discussion of the impacts the facility will have on traffic.
 - Other information as required to make the demonstration required by (1) above.
-



SITE REPORT

New England Metal Recycling, LLC
Knox Marsh Road; Madbury, NH

Prepared For:

New England Metal Recycling, LLC
c/o Schnitzer Steel Industries, Inc.
PO Box 490905
Everett, MA 02149
(617) 389-8300

Prepared By:

Sanborn, Head & Associates, Inc.
20 Foundry Street
Concord, NH 03301
(603)229-1900

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FIGURES

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- Figure 5.2 – Detailed Site Plan
- Figure 5.3 – Tax Map

APPENDICES

- Appendix A – B.H. Keith Wetland Report
- Appendix B – New Hampshire Natural Heritage Bureau Report

1.0 INTRODUCTION

This Site Report describes the location of the New England Metal Recycling, LLC (NEMR) facility in relation to the applicable siting requirements in the New Hampshire Solid Waste Rules (Rules). In addition, a narrative of site history and a summary of the hydrogeologic studies performed at the site are provided. Appropriate maps are included as attachments.

2.0 DESCRIPTION OF THE FACILITY IN RELATION TO APPLICABLE SITING REQUIREMENTS OF THE SOLID WASTE RULES

2.1 Requirements in Env-Sw 403

Setback Requirements (Env-Sw 403.02)

The NEMR facility is shown on Figure 5.1. As indicated, there is a closed landfill located in the eastern portion of the site. The landfill, which consists of shredder residue, was closed in accordance with New Hampshire Department of Environmental Services (NHDES) requirements in the mid 1990s. The closure involved capping the landfill with a geomembrane cover system. The operational area of the NEMR facility is located to the west of and generally more than 50 feet from the limit of the closed landfill. Operations at the facility have not interfered with post-closure care of the landfill and it is not expected that future operations will affect the landfill.

The facility meets the requirements of Env-Sw 403.02 (b) in that the operating area of the facility is more than 50 feet from any property line.

2.2 Requirements in Env-Sw 900

Env-Sw 900 provides requirements for management of a variety of wastes including asbestos, ash, contaminated soils, infectious waste and tires. The facility will not collect, store or manage these wastes, with the exception of tires, which may be present on cars received for possible shredding. Tires which are removed prior to shredding will be stored in a trailer or transfer container and are not proposed to be managed in stockpiles at the facility.

2.3 Requirements in Env-Sw 1003

Distance to Other Facilities (Env-Sw 1003.01)

As discussed above, an unlined landfill is located at the site. However the operational area of the NEMR facility is not located such that it interferes with the ability to perform post closure monitoring activities at the closed landfill. No other facilities are located at the site.

Easements, Rights-of-Way, Property Ownership and Access Rights (Env-Sw 1003.02 and Env-SW 1003.03)

The facility is located on property owned by NEMR. Figure 5.1 is an Overall Site Plan, which was developed based on a survey performed by Richard D. Bartlett & Associates, LLC in May 2010. As shown on Figure 5.1, Public Service Company of New Hampshire (PSNH)

holds a 100-foot wide power line easement in the west portion of the site. Facility operations are located sufficiently far from this easement such that the easement does not adversely affect NEMR's ability to operate in accordance with the requirements in the Solid Waste Rules.

Groundwater and Surface Waters (Env-Sw 1003.04)

The property on which the facility is located is bounded to the north by the Bellamy River. The Bellamy River is not a designated river pursuant to RSA 483.

The facility is located in the well head protection area for the Griffin well, a municipal water supply well for the City of Dover. Accordingly, groundwater beneath the site is classified as GAA per New Hampshire Revised Statutes Annotated (RSA) 485-C:5. Waste and scrap processing and storage are considered potential contamination sources. Operations at the facility commenced before passage of the legislation, which identifies classes of groundwater. Therefore, NHDES requires that the facility monitor groundwater under a Release Detection Permit (RDP). The facility received a RDP on February 9, 1999 (GWP-198705022-M-003). On March 26, 2009, NHDES combined the RDP for the facility with the Groundwater Management Permit for the unlined landfill to create a single permit for the site (No. GWP-19870522-M-005). Monitoring is performed as required by the Permit and the results are reported to the NHDES following each monitoring event.

Wetlands (Env-Sw 1003.05)

There are wetlands located at the site as indicated on Figure 5.1. Figure 5.2 shows more detail in the developed portion of the site including more information regarding the wetland areas. Proposed operations will not involve filling wetlands nor will construction of proposed site improvements (described in Section VI).

Shoreland Protection (Env-Sw 1003.06)

The limit of the 250-foot Shoreland Protection Zone for the Bellamy River is indicated on Figure 5.1. As can be seen, the operational area of the facility is located well outside the Shoreland Protection Zone.

Designated Rivers (Env-Sw 1003.07)

The Bellamy River is not a designated river pursuant to RSA 483.

2.4 Requirements in Env-Sw 1102

General Siting Requirements (Env-Sw 1102.01)

The facility is an existing facility operating under a temporary permit. As demonstrated in this application, applicable design, operating and closure requirements outlined in the Solid Waste Rules are satisfied.

Coexistence with Other Activities (Env-Sw 1102.02)

The operation at the facility is limited to activities authorized under the permit. No other operations including operation of a non waste-related business or permit exempt activities are conducted at the site.

3.0 TAX MAPS, LAND USE AND ZONING

3.1 Tax Maps

Figure 5.3, developed based on town of Madbury tax maps, depicts the property on which the facility is located as well as an adjoining property owned by NEMR. For the purpose of the application, abutters are the owners of properties located adjacent to, or across a road, or stream from the property on which the facility is located and any contiguous parcels owned by the applicant. Abutting parcels are identified on Figure 5.3; the owners of those parcels are listed in Section III of this application.

3.2 Surrounding Land Use and Zoning

The zoning ordinances of the town of Madbury (adopted in March 1963 and last revised in December 2009) indicate that the facility is located within a Commercial and Light Industry zone. The abutting properties are zoned Commercial and Light Industry with the exception of three properties to the north and west respectively (Tax Map 9, Lots 2 and Tax Map 7, Lots 15 and 15A), which are zoned General Residential and Agriculture. The Commercial and Light Industry Zone allows select industrial uses with the condition that the activity shall minimize adverse effects upon adjacent properties. The facility is also partially located in the Aquifer and Wellhead Protection Overlay District, which includes all lands above stratified drift aquifers and lands designated as a public water supply wellhead protection lands by the State.

A sand pit is located to the east along Pudding Hill Road and the Griffin Well, a water supply well for the City of Dover, is located to the east of the sand pit and about 1,200 feet from the eastern property line of the site. The Town of Madbury Transfer station is located on Pudding Hill Road, across from the facility. Garland Garage and Landcare Landscape Products and Services border the property on the west and northwest respectively. Between the facility property and Pudding Hill Road, there is a strip of vegetative buffer that is owned by the Town of Madbury. The operating area of the site is not visible from the public roads surrounding the property. The nearest residences to the property are located to the north, on the opposite side of the Bellamy River and to the west.

4.0 NARRATIVE DESCRIPTION

4.1 Site Description

The NEMR facility is located off Knox Marsh Road in Madbury, New Hampshire. The site is bounded to the south by Pudding Hill Road. A borrow area for granular soils is located to the east. The northern portion of the site is currently undeveloped and extends to the Bellamy River, which is located about 500 to 1,000 feet from the developed portion of the NEMR site.

The current layout of the operation is shown on Figure 5.2. Access to the facility is by a paved access road from Route 155. The facility includes an office/scale house building, a maintenance garage, and other small structures associated with the scrap metal processing operation. Asphalt and concrete paved areas are located in the area where metal handling takes place. Stormwater management improvements including a sediment trap with oil water separation are located to the south of the material handling area. Stormwater drains from the structure to a manmade wet area which ultimately discharges to the wetlands at the site.

Scrap metal recycling including shredding of automobiles was performed at the site. Shredder residue from the shredder operation was stockpiled as a landfill located in the eastern portion of the site. The location of the landfill is indicated on the Figure 5.2. Solid Waste Permit No. SW SW-TP-92-025 was issued for the landfill. Closure of the landfill was completed in 1995 and involved consolidating the material and capping it with a geomembrane cover system. Vegetation is well established above the cover system.

With the exception of the landfilled area, topography in the developed portion of the site is relatively flat with a gradual slope downward to wet areas in the south and west. These wet areas are believed to be manmade and the result of excavation when the site was used as a soil borrow source.

Monitoring wells have been installed at the site to monitor groundwater quality conditions in the processing area and downgradient of the landfill. Locations of the monitoring wells at the site and on the property to the east are shown on Figure 5.1.

4.2 History of Site Use

The following is a summary of the site history based on information included in the Madbury Metals Landfill Closure Plan¹, and information provided by NEMR personnel.

- In 1974 - Edward H. Bowley, Jr. purchased the property at Knox Marsh Road (Route 155) from the Boston and Maine Railroad for use as a metal recycling facility. The property had been used as a source of gravel for the B&M Railroad for several years prior to the purchase.
- 1974-1996 - Madbury Metals, Inc. (MMI) conducted operations at the site. MMI's activities included metal shredding and the associated production of shredder residue, which was initially landfilled in the eastern portion of the site.
- On December 9, 1992 Temporary Permit No. DES-SW-TP-92-025, was issued for the landfill. A condition of this permit required that the landfill be closed in accordance with closure plans approved by NHDES. Closure construction which included consolidating and grading the waste and constructing a cover system including a geomembrane cap was completed in 1995.

¹ "Madbury Metals, Inc., Shredder Residue Landfill Closure, Madbury, New Hampshire," Kimball Chase Company, Inc, November 1990.

- In 1994 a Temporary Solid Waste Permit (No. DES-SW-TP-94-001) was issued to Madbury Metals, Inc. for the metal processing and recycling operation.
- In May 1998 the Temporary Solid Waste Permit was transferred to New England Metal Recycling, LLC.
- In 2009, site improvements including construction of additional paved area, removal of stockpiled metal and enhancement to the stormwater management system were completed.

4.3 Site Environmental Conditions

There have been numerous phases of hydrogeologic study performed at the site dating back to the mid 1980s. Reports of these studies as well as routine water quality monitoring reports were provided to NHDES and are available in NHDES' files. Given the large volume of information in NHDES' files, a summary has been provided here.

The data from the hydrogeologic studies indicate that groundwater beneath the operations area and landfill flows generally eastward across the site. Groundwater from wells located downgradient of the landfill have historically exhibited low concentrations of volatile organic compounds (VOCs) including chlorinated compounds, benzene, toluene, xylene, and methyl tert butyl ether (MTBE). Dissolved metals have also been detected in ground water, including arsenic concentrations in excess of the ambient groundwater quality standards² (AGQS).

Water quality monitoring has been performed at the site since the mid 1980s. Monitoring has been performed in accordance with groundwater permits issued for the facility and the data have been provided to NHDES. In the early 1990s, a series of monitoring wells, referred to as "picket wells," were installed in locations downgradient of the landfill near the eastern property line. In response to the detection of VOCs in groundwater downgradient of the landfill, the landfill was closed with a geomembrane cover system and remedial activities including a program of extraction, treatment and reinjection of groundwater downgradient of the landfill was proposed and approved by NHDES. In 1998 NHDES granted permission to terminate operation of the groundwater treatment system as monitoring results indicated concentrations were below AGQs. In that time period, an air stripping treatment system was provided for the Griffin well.

As indicated in Section 2.3, the facility received a RDP on February 9, 1999. On March 26, 2009, this permit was combined with the permit issued for the landfill to create a single permit for the site. Monitoring is performed as required by the permit and the results are reported to the NHDES following each monitoring event. Recent monitoring results indicate the presence of low concentrations of VOCs in groundwater downgradient of the landfill. These constituents are found at relatively low concentrations. However, in the last two years the VOCs methyl tert-butyl ether (MTBE) and 1,4-dioxane have been detected from time to time at concentrations in excess of their respective AGQS.

² Ambient Groundwater Quality Standards are defined in Env-Or 602.02 and are maximum concentration levels for regulated contaminants in groundwater.

In accordance with NHDES requirements, studies^{3,4} were performed to assess conditions related to these constituents. With respect to 1,4-dioxane, the study generally concluded that the very limited low-level detections of 1,4-dioxane in the monitoring wells in the current processing area at the facility suggest that recent metal recycling activities have not served as a source for the introduction of this constituent to the subsurface. The study concluded that the 1,4-dioxane in groundwater downgradient of the site resulted from releases from the historic storage of shredder residue in large piles on the ground surface and/or solvent residuals in metals arriving onsite during operation by the former Madbury Metals.

The MTBE study concluded that dissolution of MTBE from impacted soils, small fuel releases, and activities related to removal of shredder residue resulted in short-lived impacts to ground water within the processing area. Concentrations are such that advective transport of MTBE from the NEMR operations area to the monitoring wells located along the property line downgradient of the landfill does not appear to be a plausible explanation for the increased concentrations of MTBE observed in the groundwater samples from those locations.

Both the MTBE and 1,4-dioxane studies conclude that it is likely that groundwater has come in contact with the material within the unlined landfill in recent years as a result of a significant rise in the water table due to several years of above-average precipitation. In any event, even if direct contact between groundwater and landfilled material has not occurred, these studies conclude that leachate generated by decomposition processes within the landfill may have been released to groundwater and thus present a contributory source.

5.0 POTENTIAL ENVIRONMENTAL RECEPTORS

5.1 Flood Hazard Zones

A Flood Insurance Rate Map (FIRM) for Madbury New Hampshire was not available through the Federal Emergency Management Agency (FEMA) map services. However, according to the Federal Insurance Administration (FIA) map, dated January 17, 1975, a portion of the northwest boundary of the property is located in a special flood hazard zone. The limit of the zone is indicated on Figure 5.1. NEMR's current and proposed operations take place outside this zone.

5.2 Wetlands

Wetlands were delineated at the site by KH Keith Associates of Freedom, New Hampshire (BHK) on June 4, 7 and 8, 2010. The wetlands were delineated in accordance with the "Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1." Wetlands were classified using the U.S Fish and Wildlife Service Manual. Wetlands associated with the Bellamy River located along the northern property border east of the access road were

³ "Supplemental Site Investigation Report, Off-site 1,4 Dioxane Delineation, New England Metal Recycling, LLC, Madbury, New Hampshire," prepared by EOS Research, LTD (EOS), December 2009.

⁴ "Final Report, Investigation of MTBE and TBA Occurrence, New England Metal Recycling, LLC, Madbury, New Hampshire," prepared by EOS, June 2008.

also investigated but were not flagged. The locations of wetland areas delineated at the site are shown on Figure 5.2. BHK's report is provided in Appendix A.

All of the wetlands on site with the exception of those associated with the Bellamy River, are man induced as a result of previous activities associated with the extraction of sand and gravel from the site. The wetlands in the developed portion of the site likely formed when sufficient sand and gravel were removed from the site to bring the surface elevation down to a level where it intersects with the elevation of the seasonal groundwater table.

Wetlands in the northern portion of the property are isolated from the operating area by topographic constraints. Stormwater runoff can reach wetland areas in the southern portion of the property. NEMR has taken steps to greatly improve stormwater management at the site through construction of additional paved area, lined swales, a sediment trap, and oil water separators. Runoff passing through these measures discharges to constructed stormwater wetlands which provide additional treatment prior to discharge to wetlands in the southern portion of the site.

5.3 Habitat for Endangered or Threatened Species

The New Hampshire Department of Resources and Economic Development Natural heritage Bureau was contacted regarding the project. In correspondence dated November 29, 2010, NHB determined that although there was an NHB record (e.g. rare wildlife, plant and/or natural community) present in the vicinity of the site, NHB does not expect that it will be impacted by the proposed project, which involves continuation of operations in the current operating area. A copy of NHB's response is provided in Appendix B.

5.4 Designated Rivers and Protected Shorelands

According to the New Hampshire Rivers Management and Protection Program, the Bellamy River is not a designated river.

NEMR's operations are taking place in an area that is 500 to 1,000 feet away from the river. The operations area is segregated from the river by the local topography, and vegetation.

5.5 Other Surface Waters

Surface waters associated with the site include the Bellamy River and an unnamed tributary to the river. Both of these water bodies are in the northern section of the property. The unnamed stream is located in the northeast portion of the property and flows through the site in a northeasterly direction under the facility entrance road before discharging into the Bellamy River. The Bellamy River flows along the northern property boundary. Topography is such that runoff from the operational area of the site flows in a southerly direction away from the river.

5.6 Water Supplies

Public water is not available in Madbury. There are two on-site supply wells. One is a shallow, dug well reportedly located near the scale house/office building. This well is used as a water supply for the bathroom. According to NEMR personnel, bottled water is made

available in the building and water from the shallow well is not used for drinking water. The second well is a drilled well located in the central portion of the operating area. This well serves as a source of water for dust control and for the bathroom in the garage. Information regarding this well installation is not available.

The Griffin well is located about 1,200 feet downgradient from the eastern property line for the facility and about 2,200 feet downgradient of the facility operating area. This well is owned by the City of Dover and is used as one source of water for the City. The well is drilled into the Pudding Hill Aquifer and draws water from a portion of the aquifer that is separated from the Bellamy River. The City of Dover has approval to recharge the Griffin and Ireland wells using up to 720,000 gallons of water per day from the Bellamy River⁵. The Pudding Hill Aquifer has a saturated thickness that exceeds 100 feet and has a transmissivity of 6,600 to 14,700 square feet per day⁶. The well can produce a sustained yield of 500 gallons per minute, however iron and manganese problems resulted in the construction of a treatment facility in 1990 to remove the metals. In 1998, air stripping equipment was added at the facility to remove Volatile Organic Compounds (VOCs)⁷.

5.7 Airports

Not applicable, since the facility does not manage putrescible waste.

6.0 HYDROGEOLOGIC REPORT

As indicated above, there have been numerous phases of hydrogeologic study performed at the site dating back to the mid 1980s. The following is a brief overview. More detailed discussion of site hydrogeology may be found in the various reports in NHDES' files.

The overburden sediments in the site vicinity consist of ice contact sand and gravel and glacial till. The formations encountered during subsurface investigations in the area are, from top to bottom⁸:

- Light brown medium sand, distributed discontinuously across the wooded northern portion of the site, between wells MM-6 and MM-9, and near well MM-14. Where present, this unit was found at thicknesses ranging from 4 feet to 11.5 feet;
- Light brown to blue-gray clay, underlying the medium sand or exposed at the ground surface from near MM-8 and extending northward. The upper material is typically light brown, stiff clay, while soft, gray to blue-gray clay comprises the remainder of the interval, which where present, was found to be less than 5 feet to 41 feet thick;

⁵ "Quantifying the Bellamy River Watershed Hydrologic Budget," A Hydrologic Assessment prepared for Town of Madbury Water District Board of Commissioners by Thomas Fargo, C.G., January 2002.

⁶ "City of Dover, NH Master Plan, Natural and Historic Resources," Appledore Engineering, Inc, May 2000.

⁷ "City of Dover, NH Master Plan, Community Facilities and Utilities," Appledore Engineering, Inc, May 2000.

⁸ EOS Research, "Final Report, Investigation of MTBE and TBA Occurrence, New England Metal Recycling, LLC, Madbury, New Hampshire," June 2008.

- Interbedded light brown very fine sand, silt and clay underlying or horizontally grading into the clay unit, between MM-5 and MM-8 (ranging from less than 2 feet to 15 feet thick);
- Light brown to gray, medium to coarse sand with varying amounts of gravel, which is continuous throughout the site vicinity and is the primary stratigraphic unit. Much of this unit was excavated during sand and gravel mining operations. This unit is exposed at the ground surface in the developed portion of the site and contains lenses of silty fine sand, and of poorly-sorted sand, silt, gravel and cobbles;
- The lowermost unit is glacial till consisting of angular rock fragments in a light brown to gray sand, silt and clay matrix. This unit was found overlying bedrock and is continuous throughout the area;

The overburden units overlie bedrock consisting of metamorphic schist of the Silurian, Eliot Formation.

The Griffin Well is located in the sand and gravel to the east of the site. Sand and gravel mining took place in the operating area of the NEMR facility, and the area between the site and the Griffin Well has been extensively mined.

The water table lies generally within the primary sand and gravel formation at and in the vicinity of the site. Exceptions to this are areas north of monitoring well MM-8, where groundwater becomes confined beneath the clay layer, and locally around wells B-303 and MM-5, where the water table is within the glacial till that rises closer to the ground surface. The wetland areas at the site are believed to have formed in areas where the excavation to remove granular soil extended below the seasonal groundwater table.

The horizontal hydraulic conductivity of the primary sand and gravel deposit is reportedly in the range of 1×10^{-2} centimeters per second (cm/sec), with measured values between 3.7×10^{-3} cm/sec and 3.4×10^{-2} cm/sec.⁹ Hydraulic conductivity values generally increase from west to east across the site.

Groundwater generally flows from west to east, and is influenced by pumping from the Griffin Well. Horizontal hydraulic gradients within the sand and gravel formation have ranged between 0.0005 ft./ft. and 0.015 ft./ft., with very shallow gradients within the operating area of the NEMR site and becoming steeper east of the site due to the influence of pumping from the Griffin Well. Horizontal seepage velocities within the sand and gravel unit across the site area are reported to be between 10 and 250 feet/year¹⁰.

7.0 TRAFFIC

NEMR is an existing facility. Facility traffic includes trucks carrying metal wastes recycling and other incidental visitors. Access to the site is from New Hampshire Route 155. No

⁹ Caswell Eichler and Hill, "Groundwater Remedial Action Plan, Madbury Metals Facility, Madbury, New Hampshire," July 1994.

¹⁰ EOS Ibid

change in traffic is expected. Issuance of the Solid Waste Permit will allow for the continued operation without material effect on traffic flow to and from the facility.

As shown on the site plan, a long driveway (approximately 950 feet) leads from Route 155 to the scale house and the operational area, so backup of traffic on to the public road is not likely to occur.

S:\CONDATA\3100s\3140.00\Originals\SW Permit Application\Section V\20110127 Site Report.docx

FIGURES

© 2011 SANBORN HEAL & ANDREWS, INC.

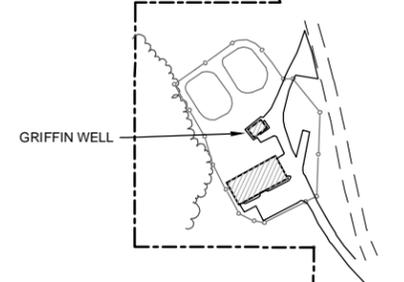


NOTES:

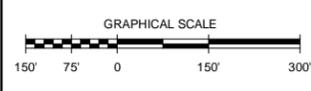
1. THE BASE MAP WAS PREPARED FROM ELECTRONIC FILE ENTITLED "410135.dwg" DEVELOPED BY RICHARD D. BARTLETT & ASSOCIATES, LLC. NOTES IN THE DRAWING INDICATE THE BASE PLAN WAS DEVELOPED BASED ON A TOTAL STATION SURVEY PERFORMED BETWEEN MAY 2, 2010 AND MAY 27, 2010. HORIZONTAL DATUM IS BASED ON NEW HAMPSHIRE STATE PLAN COORDINATE SYSTEM NAD 1983. VERTICAL DATUM BASED ON NAVD 1988.
2. REFER TO FIGURE 5.2 FOR ADDITIONAL DETAIL IN THE OPERATING AREA OF THE SITE

LEGEND:

	PROPERTY LINE
	10 FOOT CONTOUR
	EDGE OF PAVEMENT
	EDGE OF GRAVEL
	SHORE LINE
	IRON PIPE OR REBAR
	GRANITE OR CONCRETE BOUND
	UTILITY POLE
	DRAIN MANHOLE
	CATCH BASIN
	HYDRANT
	WATER SHUTOFF
	WETLAND AREA
	EDGE OF WOODS
	CONCRETE



SANBORN HEAD



NO.	DATE	DESCRIPTION	BY

DRAWN BY: E. Wright
 DESIGNED BY: R. Shillaber
 REVIEWED BY: P. Rydel
 PROJECT MGR: R. Shillaber
 PIC: R. Shillaber
 DATE: January 2011

NEW ENGLAND METAL RECYCLING, LLC
 MADBURY, NEW HAMPSHIRE

OVERALL SITE PLAN

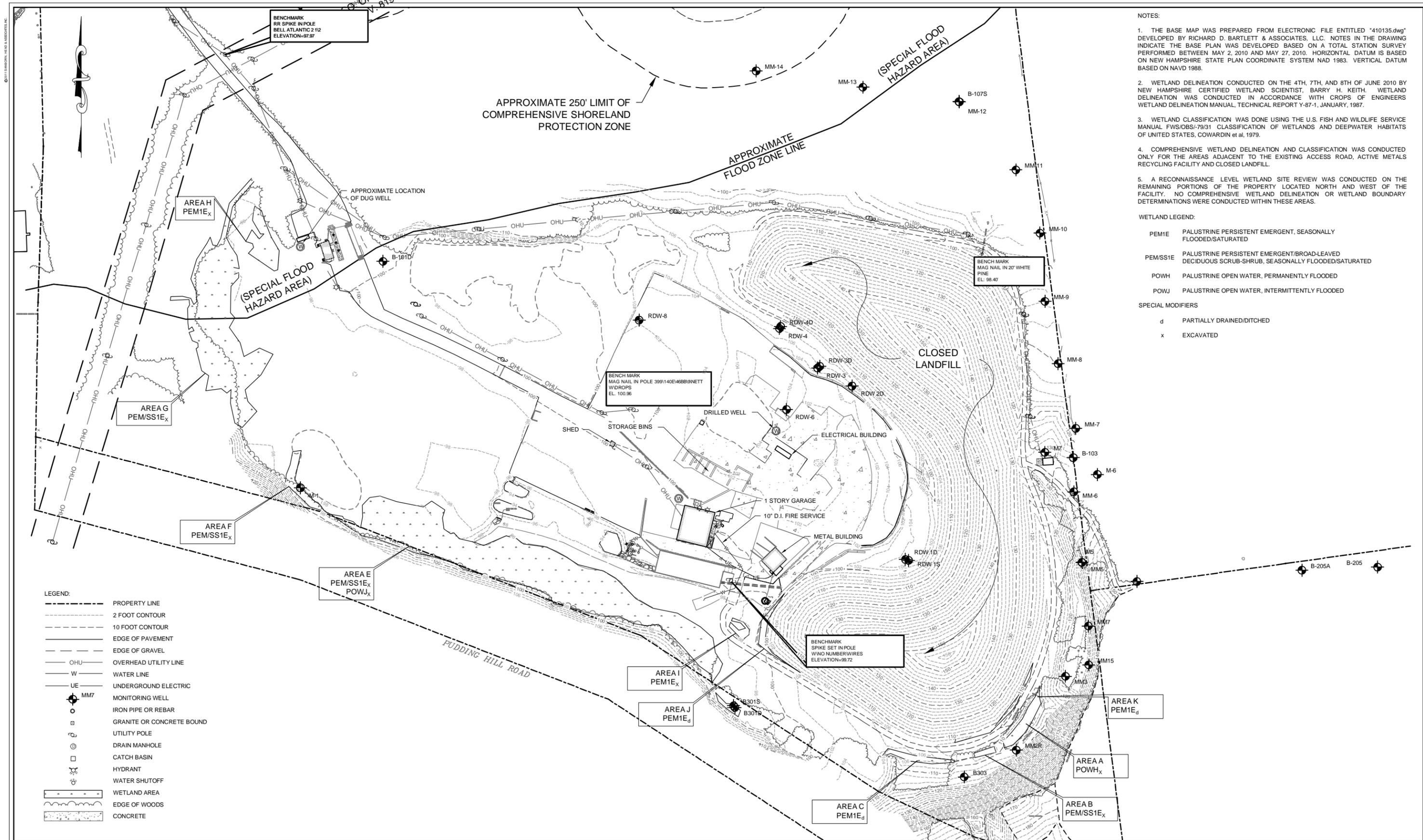
PROJECT NUMBER:
3140.00

FIGURE NUMBER:
5.1

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4/27/11

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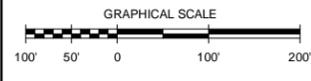


- NOTES:
1. THE BASE MAP WAS PREPARED FROM ELECTRONIC FILE ENTITLED "410135.dwg" DEVELOPED BY RICHARD D. BARTLETT & ASSOCIATES, LLC. NOTES IN THE DRAWING INDICATE THE BASE PLAN WAS DEVELOPED BASED ON A TOTAL STATION SURVEY PERFORMED BETWEEN MAY 2, 2010 AND MAY 27, 2010. HORIZONTAL DATUM IS BASED ON NEW HAMPSHIRE STATE PLAN COORDINATE SYSTEM NAD 1983. VERTICAL DATUM BASED ON NAVD 1988.
 2. WETLAND DELINEATION CONDUCTED ON THE 4TH, 7TH, AND 8TH OF JUNE 2010 BY NEW HAMPSHIRE CERTIFIED WETLAND SCIENTIST, BARRY H. KEITH. WETLAND DELINEATION WAS CONDUCTED IN ACCORDANCE WITH CROPS OF ENGINEERS WETLAND DELINEATION MANUAL, TECHNICAL REPORT Y-87-1, JANUARY, 1987.
 3. WETLAND CLASSIFICATION WAS DONE USING THE U.S. FISH AND WILDLIFE SERVICE MANUAL FWS/OBS-79/31 CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF UNITED STATES, COWARDIN et al, 1979.
 4. COMPREHENSIVE WETLAND DELINEATION AND CLASSIFICATION WAS CONDUCTED ONLY FOR THE AREAS ADJACENT TO THE EXISTING ACCESS ROAD, ACTIVE METALS RECYCLING FACILITY AND CLOSED LANDFILL.
 5. A RECONNAISSANCE LEVEL WETLAND SITE REVIEW WAS CONDUCTED ON THE REMAINING PORTIONS OF THE PROPERTY LOCATED NORTH AND WEST OF THE FACILITY. NO COMPREHENSIVE WETLAND DELINEATION OR WETLAND BOUNDARY DETERMINATIONS WERE CONDUCTED WITHIN THESE AREAS.

- WETLAND LEGEND:
- PEM1E PALUSTRINE PERSISTENT EMERGENT, SEASONALLY FLOODED/SATURATED
 - PEM/SS1E PALUSTRINE PERSISTENT EMERGENT/BROAD-LEAVED DECIDUOUS SCRUB-SHRUB, SEASONALLY FLOODED/SATURATED
 - POWH PALUSTRINE OPEN WATER, PERMANENTLY FLOODED
 - POWJ PALUSTRINE OPEN WATER, INTERMITTENTLY FLOODED
- SPECIAL MODIFIERS
- d PARTIALLY DRAINED/DITCHED
 - x EXCAVATED

- LEGEND:
- PROPERTY LINE
 - 2 FOOT CONTOUR
 - 10 FOOT CONTOUR
 - EDGE OF PAVEMENT
 - EDGE OF GRAVEL
 - OHU OVERHEAD UTILITY LINE
 - W WATER LINE
 - UE UNDERGROUND ELECTRIC
 - MM7 MONITORING WELL
 - o IRON PIPE OR REBAR
 - o GRANITE OR CONCRETE BOUND
 - o UTILITY POLE
 - o DRAIN MANHOLE
 - o CATCH BASIN
 - o HYDRANT
 - o WATER SHUTOFF
 - WETLAND AREA
 - EDGE OF WOODS
 - CONCRETE

SANBORN HEAD



NO.	DATE	DESCRIPTION	BY

DRAWN BY: E. Wright
 DESIGNED BY: R. Shillaber
 REVIEWED BY: P. Rydel
 PROJECT MGR: R. Shillaber
 PIC: R. Shillaber
 DATE: January 2011

NEW ENGLAND METAL RECYCLING, LLC
 MADBURY, NEW HAMPSHIRE

DETAILED SITE PLAN

PROJECT NUMBER:
3140.00

FIGURE NUMBER:
5.2

Figure 5.3

Tax Map

Solid Waste Facility
Permit Application

New England Metal Recycling, LLC
Madbury, New Hampshire

Drawn By: L. Damiano
Designed By: L. Damiano
Reviewed By: S. Shillaber
Project No: 3140.00
Date: January 2011

Notes

1. The base map was drawn from tax maps obtained from the Town of Madbury. Additional parcel information was compiled from Town of Madbury Tax Map Nos. 3, 7, and 9, obtained from the the Town Assessor's Office on December 6, 2010.
2. Abutting properties were identified based on the Standard Permit Application for Solid Waste Collection/Storage/Transfer Facility's definition of an abutter which states "Abutters, meaning any person who owns property adjacent to, or across a road, or stream from the property on which a solid waste facility may be permitted."
3. Refer to the abutter list for ownership information.

Legend

- 9/62 Tax Map/Lot
- Boundary Between Lots
- +++++ Railroad Tracks
-  Project Property Location
-  Abutter Property Locations



B.H. KEITH ASSOCIATES



RECEIVED

OCT 12 2010

SHA - Concord

11 Elm Street
Post Office Box 326
Freedom, New Hampshire 03836
Tel. (603) 539-8343
Fax (603) 539-2532

October 5, 2010

Mr. Scott Shillaber, P.E.
Vice President
Sanborn, Head & Associates, Inc.
20 Foundry Street
Concord, New Hampshire 03301

RE: Wetland Delineation and Classification- New England Metals, Madbury, N.H.

Dear Mr. Shillaber:

This letter and accompanying plans and photos serve as our report describing the existing wetland site conditions within the above referenced property.

The subject property is an approximate 90 acre parcel located (see Locus Plan) north of Pudding Hill Road, east of Knox Marsh Road (Route 155), and south of the Bellamy River in Madbury, New Hampshire. The property has substantial frontage along the Bellamy River.

Previously, the southern approximate one-half of the property was a gravel pit and has been an active metals recycling facility for a number of years. A closed landfill is located within the eastern portion of this area. This section of the site referred to as the "facility area" is accessed by a driveway off of Knox Marsh Road.

The remainder of the site is undeveloped. This area is largely a mixture of forested wetlands and upland forest. A portion of this area is associated with the 100 year floodplain of the Bellamy River.

The scope of work centered on conducting a comprehensive delineation and classification of the wetlands within the active facility area. A reconnaissance level wetland site review was conducted on the portions of the property located west and north of the facility. No comprehensive wetland delineation or wetland boundary determinations were conducted within these areas.

Wetland delineation was conducted on the 4th, 7th and 8th of June 2010 by certified wetland scientist, Barry H. Keith. The delineation was conducted in accordance with the Corps of Engineers Wetland Delineation Manual, Technical Report Y-87-1, January 1987. The limits of wetland were numbered and flagged using pink and black striped surveyors ribbon and were mapped by the project surveyor.

Wetland classification was done using the U.S. Fish and Wildlife Service Manual FWS/OBS-79/31 Classification of Wetlands and Deepwater Habitats of the United States, Cowardin et al, 1979.

Facility Area

Eleven (11) state and federal jurisdictional wetland areas were delineated within the facility area. These wetlands are labeled (Areas A-K) and are depicted on the Wetland Plan and accompanying photo log.

As previously stated, the site is a former sand and gravel pit which has been used for many years as a metals recycling facility. Given the former and current land use of the facility, the wetlands within this area are either man-made or have been altered (eg. ditched or excavated) in the past.

Area A is a permanently flooded open water wetland which was excavated (POWHx) likely for stormwater retention purposes. Areas B and C are man-made persistent emergent/scrub-shrub (PEM/SS1Ex/d) areas which have been excavated or ditched to receive stormwater runoff from the access perimeter road. Areas D-I have formed in low lying shallow depressions or areas which were excavated below the water table. These wetlands are disturbed largely open persistent emergent areas intermixed with sections of scrub-shrub vegetation or pockets of shallow open water (PEM/SS1Ex, POWJx) which are seasonally flooded/saturated or intermittently flooded. Areas J and K are emergent man-made ditch wetlands (PEM1Ed) at the toe of slope bordering the capped landfill. All of the wetland areas are underlain by poorly drained soil.

Un-Developed Area

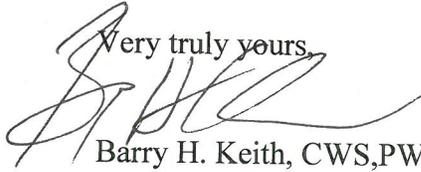
As previously mentioned, a walk-over reconnaissance level review was conducted of the un-developed portions of the site located west and north of the facility area. No comprehensive wetland delineation or mapping was conducted in this area. The approximate limits of wetland were located using a hand held global positioning unit (GPS) and are depicted on the accompanying Wetland Overview Plan. In general, these wetlands are principally palustrine broad-leaved forested/scrub-shrub (PSS/FO1) areas. Portions of these wetlands are associated with the 100 year floodplain of the Bellamy River.

*Wetland Delineation and Classification
New England Metals, Inc.
Madbury, New Hampshire*

page three.

I hope this information proves helpful in describing the existing wetland site conditions within the property. Should you have any questions or comment, please feel free to contact me.

Very truly yours,

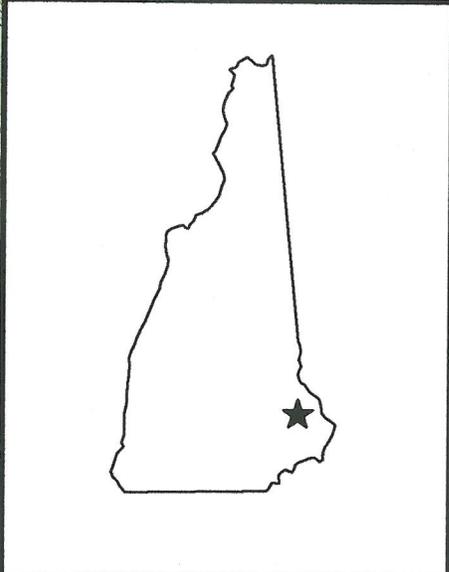
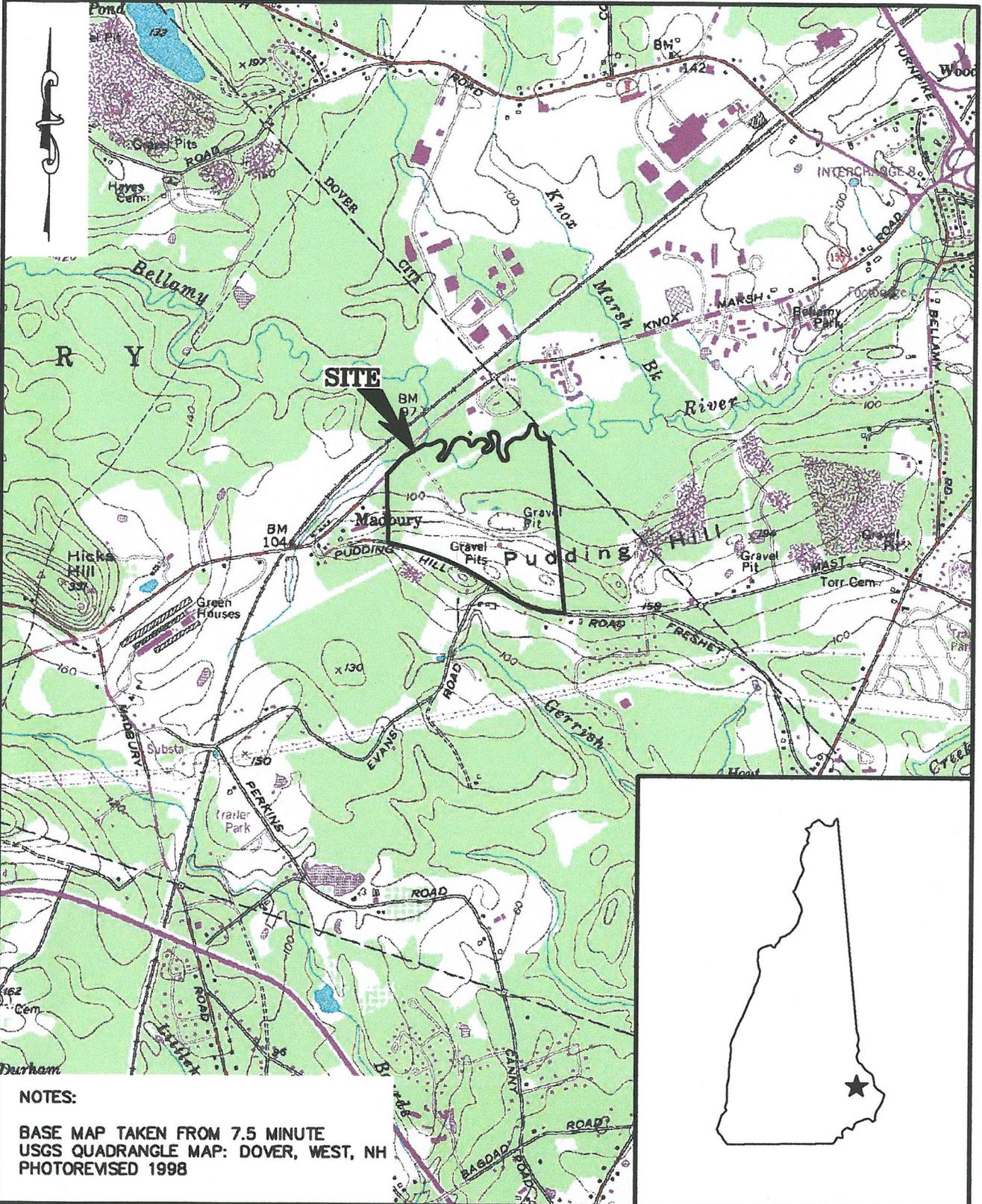
A handwritten signature in black ink, appearing to read 'B. H. Keith', written over the typed name below.

Barry H. Keith, CWS,PWS

APPENDIX A

B.H. KEITH WETLAND REPORT

IMAGES: G:\CAD Library\GIS\New Hampshire\Quads\W. Side 8-19-04\img155.dd
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 G:\Program Files\Autodesk Land Desktop 2007\Templates\SHA-E Color Logo.bmp
 © 2010 SANBORN, HEAD & ASSOCIATES, INC.



NOTES:

BASE MAP TAKEN FROM 7.5 MINUTE
 USGS QUADRANGLE MAP: DOVER, WEST, NH
 PHOTOREVISED 1998

**NEW ENGLAND METAL RECYCLING
 MADBURY, NEW HAMPSHIRE**

LOCUS PLAN



SCALE: 1" = 2000'	DRAWN BY: DJD	FILE NO. 3141.00
DATE: FEB 10	CHECKED BY: RSS	FIGURE NO. 1

FILE: G:\CONCORD\3141.00\dwg\locus.dwg
 LAYOUT: LOCUS
 CTB FILE: SHA Standard.ctb
 PLOT DATE: 2-12-10

**WETLAND OVERVIEW PLAN
NEW ENGLAND METAL
RECYCLING, LLC
MADBURY, NEW HAMPSHIRE**

Wetland

Wetland

Wetland

Upland

Wetland

Approx.
Property
Line

MM8

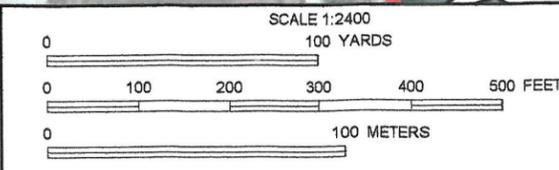
MM6

**THIS PLAN REPRESENTS GENERAL SITE CONDITIONS
AND
DOES NOT REPRESENT A COMPREHENSIVE WETLAND
Delineation. THIS IS NOT A SURVEY.**

Magnetic Declination



16° W



**New England Metals Recycling
Madbury, NH
June 2010**



Photo #1: Floodplain Forested Wetland.

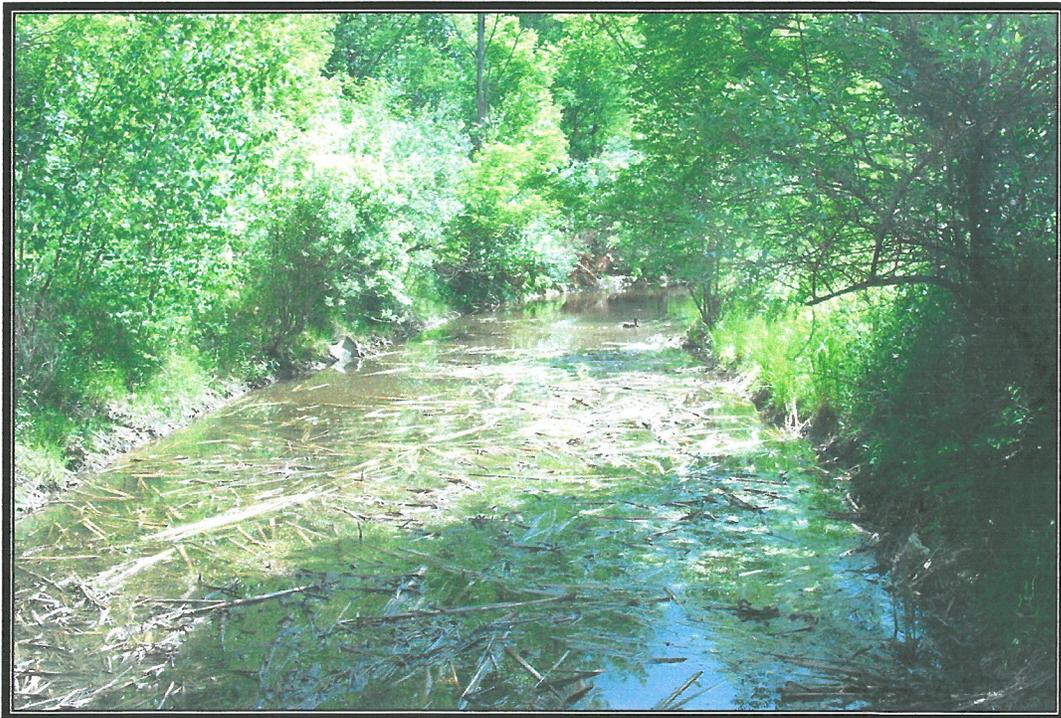


Photo #2: Area A.

**New England Metals Recycling
Madbury, NH
June 2010**



Photo #3: Area B.



Photo #4: Area C.

**New England Metals Recycling
Madbury, NH
June 2010**



Photo #5: Area D.



Photo #6: Area E.

**New England Metals Recycling
Madbury, NH
June 2010**



Photo #7: Area E.



Photo #8: Area E.

**New England Metals Recycling
Madbury, NH
June 2010**



Photo #9: Area F.



Photo #10: Area G.

**New England Metals Recycling
Madbury, NH
June 2010**



Photo #11: Area G.



Photo #12: Area G.

**New England Metals Recycling
Madbury, NH
June 2010**

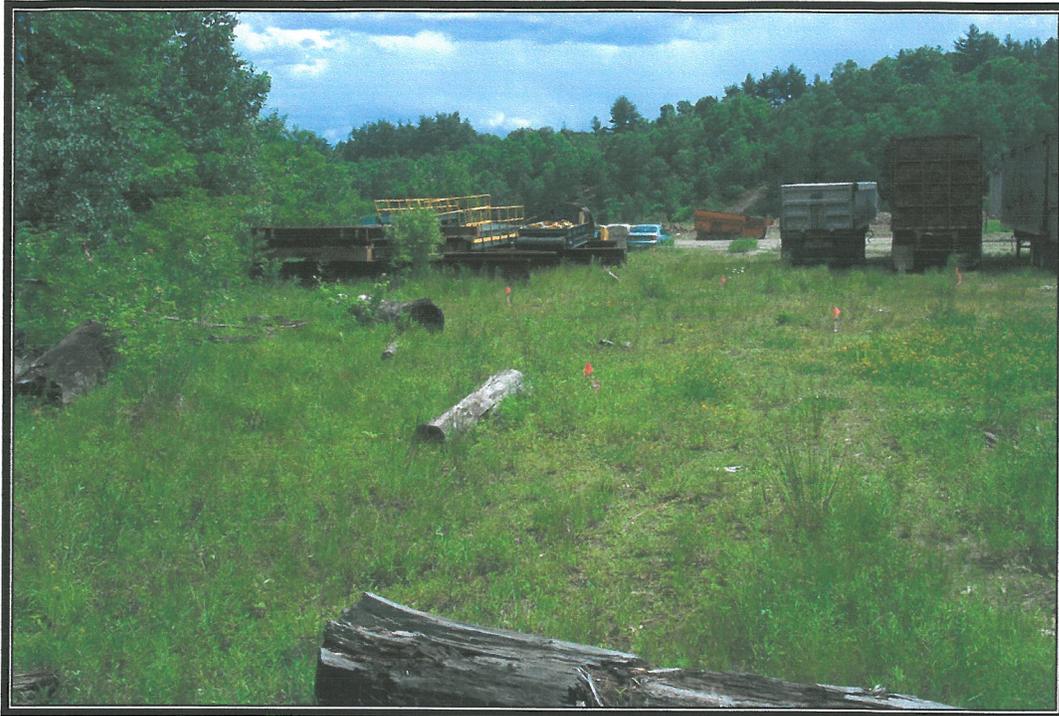


Photo #13: Area H.

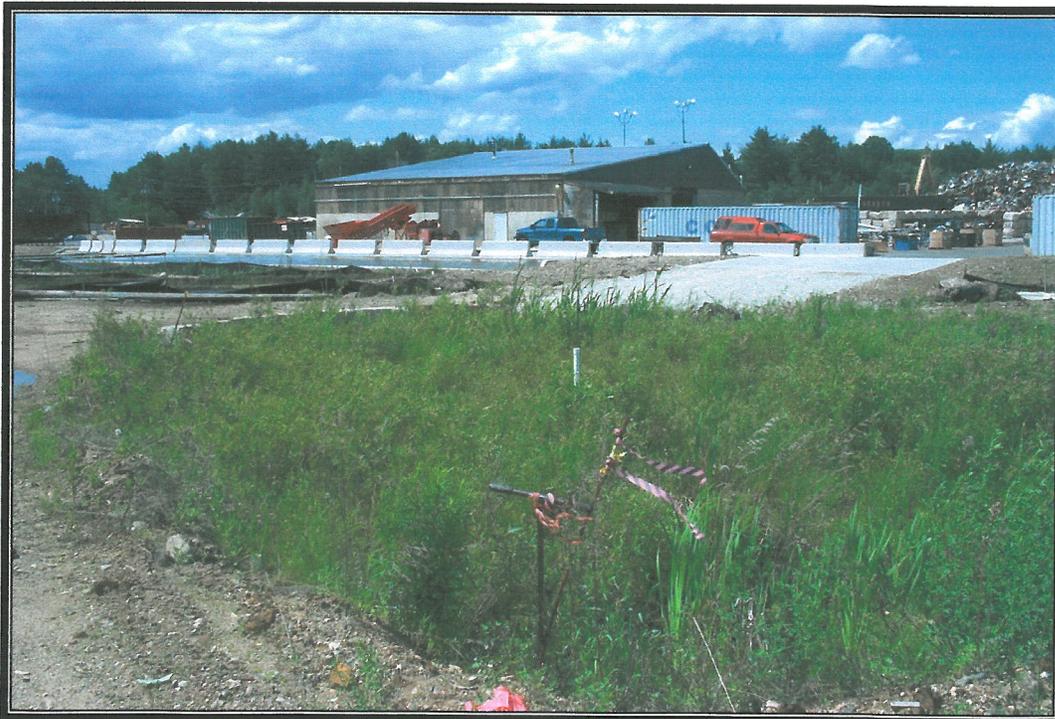


Photo #14: Area I.

**New England Metals Recycling
Madbury, NH
June 2010**



Photo #15: Area J.



Photo #16: Area K.

APPENDIX B

NEW HAMPSHIRE NATURAL HERITAGE BUREAU REPORT



To: Lisa Damiano, Sanborn, Head & Associates Inc.
20 Foundry Street
Concord, NH 03301

From: NH Natural Heritage Bureau

Date: 11/29/2010 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau of request submitted 11/23/2010

NHB File ID: NHB10-2889

Applicant: New England Metal
Recycling, LLC

Location: Madbury
Tax Maps: Tax Map 9, Lot 5

**Project
Description:** There will be no changes to the types or quantities of waste managed at the facility. Improvements are proposed which include re-installation of modernized equipment, relocation of certain operations to covered storage and loading areas, construction of new maintenance and office buildings, and additional paved areas to reduce mixing of materials with site soils.

The NH Natural Heritage database has been checked by staff of the NH Natural Heritage Bureau and/or the NH Nongame and Endangered Species Program for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government.

It was determined that, although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity, we do not expect that it will be impacted by the proposed project. This determination was made based on the project information submitted via the NHB Datacheck Tool on 11/23/2010, and can not be used for any other project.

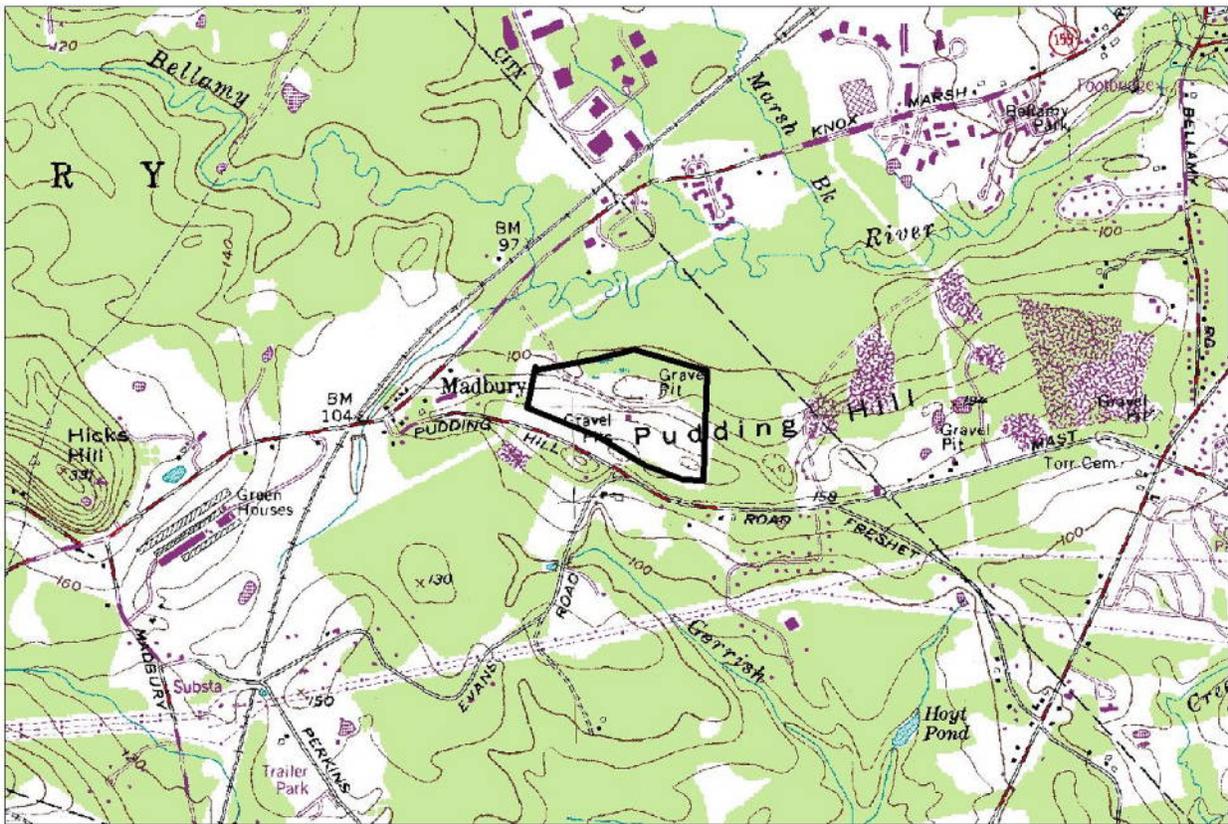


MAP OF PROJECT BOUNDARIES FOR: NHB10-2889

NHB10-2889



NH NATURAL HERITAGE BUREAU



Valid for one year from this date: 29 Nov 2010

SECTION VI. PRELIMINARY FACILITY DESIGN PLANS AND SPECIFICATIONS

Prepare preliminary design plans and specifications for the facility, according to the enumerated instructions below. For additional guidance concerning facility design, refer also to DES publication entitled "Transfer Station and Recycling Center Design and Operations Manual", available by contacting the DES Solid Waste Technical Assistance Section at (603) 271-2925.

- (1) The facility location and design must meet all permitting requirements as provided in:
 - Env-Sw 400.
 - Env-Sw 900, if the facility will manage asbestos, ash, contaminated soil and/or other media, infectious waste and/or tires.
 - Env-Sw 1000.
 - Env-Sw 1100, for facilities having an active life longer than 90 days.
- (2) Include the following on each page of the plans and specifications:
 - Date of preparation.
 - Facility name and location.
 - For a facility holding a temporary permit, the facility permit number.
- (3) Be certain the plans and specifications are:
 - Clearly readable.
 - Prepared in accordance with standard engineering practices, including dimensions, labels, details and other graphic elements.
 - Stamped by a qualified professional engineer.
- (4) Unless other arrangements are approved in advance pursuant to Env-Sw 1103.05(f), the plans must:
 - Be prepared at a scale of no less than 1 inch = 50 feet.
 - Be presented on paper no larger than 24 inches by 36 inches.
 - Show profiles drawn to standard scales with a ratio of 10 horizontal to 1 vertical, such as 40:4 and 50:5.
 - Show elevations of the surface to the nearest 0.1 foot.
 - Show elevations of the piping, sewer, and manhole inverts to the nearest 0.01 foot.
 - Report all elevations in feet and tenths and reference all elevations to a standard datum, which shall be indicated on the plans, based on mean sea level.
 - Show contours at a minimum interval of 2 feet on all plan views.
- (5) Show all existing site features, including, but not necessarily limited to:
 - All structures within 1000 ft of the facility.
 - Wetlands and drainage ways or statement that none exists.
 - Ledge outcroppings.
 - Soil types (SCS survey is acceptable).
 - Flood hazard zones.
 - All waters under the jurisdiction of the Comprehensive Shoreland Protection Act on the property and/or at the 250 ft setback to the facility, or statement that none exist.
 - Property lines established by a land surveyor licensed in New Hampshire.
 - Locations of permanent benchmarks.
 - Prevailing wind direction.
- (6) Show the facility and all related appurtenances, including, but not necessarily limited to:
 - Access roads and parking areas.
 - Fences, gates and other access control devices.
 - Buildings.
 - Scales.
 - Tipping and waste inspection area(s) and equipment.
 - Waste storage areas and devices.
 - Hot load segregation area(s) and other fire prevention/control features.
 - Sanitation facilities.
 - Storm water drainage systems.
 - Leachate collection and storage systems.
 - Screening and landscaping.
 - Proposed clearing lines.
 - Litter control appurtenances, if the facility manages waste having the potential to become windblown.
 - Other features as required by Env-Sw 404.03.
- (7) Delineate/dimension all relevant setback distances.



DESIGN REPORT

New England Metal Recycling, LLC
Knox Marsh Road; Madbury, NH

Prepared For:

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1.0 INTRODUCTION

The New England Metal Recycling (NEMR) facility, located on Knox Marsh Road (Route 155) in Madbury, New Hampshire, is an existing collection, storage, and transfer (C/S/T) facility, operating under a temporary solid waste permit (DES-SW-TP-94-001). NEMR is considering a number of improvements to the facility. This Design Report has been prepared to accompany a standard solid waste permit application for the considered improvements at the facility, and discusses the conceptual design of those improvements in relation to applicable design criteria in Sections Env-Sw 400, 900, 1000, and 1100 of the New Hampshire Solid Waste Rules.

The improvements identified in this report are presently conceptual in nature and may occur as a single project or in individual phases over time. There is no guarantee any or all improvements identified in the application would be implemented due to both business and economic conditions; however, should any improvement(s) occur, the corresponding stormwater system(s) will be designed and installed as appropriate for the operation and in compliance with regulations at the time of installation.

This report refers to Conceptual Drawings prepared by ESS Group, Inc. An index of the conceptual plan sheets is provided on the cover sheet of the drawings. A discussion of how the design satisfies the requirements of the applicable sections of the New Hampshire Solid Waste Rules is provided below. Technical Specifications will be provided at the time of final design.

2.0 COLLECTION, STORAGE AND TRANSFER FACILITY REQUIREMENTS (ENV-SW 400)

2.1 Design Features and Appurtenances (Env-Sw 404.03)

Material Receiving and Inspection Area

The facility is a commercial metal recycling operation. Suppliers delivering material to the facility for recycling must stop at the scale house prior to entry into the facility. Upon weighing, the scale house attendant will direct all vehicles to a designated location for inspection/offloading, depending on the material being delivered and process required to market the commodities. Material handling will be conducted on an impervious surface and a building is proposed for the management of non ferrous metal that will be packaged or baled for shipment.

Sorting Areas

The facility receives material for recycling. Metal will be separated by type for on-site processing and/or offsite shipment. Shreddable ferrous/non-ferrous metals will be sorted in the proposed shredder stockpiling area, while heavy ferrous metal will be sorted in the ferrous stockpiling area. Non-shreddable non-ferrous metal will be sorted in the non-ferrous processing area and proposed building. Sorting will take place on an impervious surface or indoors. Some material delivered to the facility may be shredded in the proposed shredder, with further metals sorting/separation following shredding. Prior to shredder installation, and if a shredder is not installed at the property, shreddable metal will be transferred to off-site shredding facilities. Some initial processing of shreddable metal, such as shearing, may occur on-site before shipment to offsite processing facilities.

Hot Load Segregation and Control Area

The material delivered to the facility will largely consist of scrap metal. Therefore, hot loads are not expected.

Material Storage Areas

Material will be separated and stored in various designated locations. Material handling areas will be located in areas underlain by concrete or asphalt pavement. The storage of metals will be maintained on an impervious surface in bulk stockpiles or bulk storage bins placed on an impervious surface throughout the facility as designated on Site Layouts Alternatives: Conceptual Drawing 4. Some non-ferrous metals such as aluminum, copper, brass, etc. may also be stored in the proposed non-ferrous processing building or bulk storage bins. Materials are to be stored so they may remain suitable for intended use.

Equipment Required to Operate the Facility

Truck scales will be used to weigh incoming and outgoing bulk loads of material and platform scales will be used to weigh smaller quantities. Other equipment on site to operate the facility includes front end loaders, excavators with grapples to handle and sort metals, skid-steers, forklifts and other mobile equipment routinely associated with operating a scrap metal recycling operation. In addition, tractor (trucks) will be available to move trailers around on site. A metal shredder may be installed and operated at the facility. The shredder is proposed to be powered by an electric drive motor and equipped with an in feed conveyor and downstream ferrous and non ferrous sorting systems. Other processing equipment may consist of portable and stationary shears for the cutting of ferrous and non/ferrous metals, a non-ferrous baler, torches and plasma cutting equipment and other equipment routinely associated with operating a scrap metal recycling operation. Wet car processing will be conducted within an auxiliary building equipped with fluids removal racks and pneumatic systems for the draining and capture of fluids removed from unprocessed cars received at the site for on-site shredding or off-site shipment.

Equipment Storage and Cleaning Areas

Heavy equipment used in the operation will be parked outdoors on an impervious surface or within the maintenance area of the facility when the facility is closed and operations are not taking place. A maintenance building is proposed to be constructed at the facility as shown on Site Layout, Drawing 1. The building is proposed to have three bays and will allow maintenance to take place indoors. Equipment cleaning will occur in the maintenance area utilizing portable cleaning equipment with fluids containment mats; however, a wash bay with appropriate environmental controls may be added to the maintenance building at a future date.

Management of Liquids from Waste Handling, Material Storage and Equipment Cleaning Areas

The facility and all processing activities are located within a large topographic depression, surrounded by lands at higher elevation. The nearest body of water is the Bellamy River, which flows to the ocean through the Piscataqua River. There are no stormwater discharges associated with runoff from the site as defined under the Multi Sector General Permit (MSGP) permit for stormwater discharge associated with industrial activities. Current and proposed operating areas of the site consist of concrete and asphalt surfaces that significantly limit the infiltration of stormwater during storm events. The stormwater systems incorporated into the current and proposed operating areas of the site appropriately support each area, limiting associated risks with managing stormwater from this type operation.

The majority of the facility (outside of processing and storage areas which are paved) has a permeable surface that allows the infiltration of stormwater during storm events. Isolated areas of standing water exist seasonally at three locations on the southern border of the facility. An unnamed tributary to the Bellamy River is located at the facility entrance in the northwest corner, to which there is no ingress of surface water from the facility. NEMR is proactive with the identification of potential sources of stormwater pollution and has the following programs to minimize the potential impact of these sources to nearby water bodies.

- Inbound Material Control Program
- Outdoor Material and Product Stockpile Management
- Indoor Material and Stockpile Management
- Designated Scrap Processing Areas
- Spill Prevention and Response Procedures
- Stormwater Best Management Practice (BMP)

As indicated above, a maintenance building is proposed to potentially be constructed at the facility as shown on Site Layout, Drawing 1. The building is proposed to have three bays and would allow maintenance to take place indoors. Equipment cleaning may occur in the maintenance area utilizing portable cleaning equipment, utilizing fluids containment mats, with fluids removed off-site upon completion. A wash bay may be added to the maintenance building at a future date, with the appropriate fluids containment storage system incorporated into the design to meet applicable regulations.

Lighting

The facility lighting design will be developed in consideration of Town of Madbury requirements. Operations will generally be conducted during daylight hours. However, lights will be provided in the facility parking lot and office building area, shredder area (if constructed), non-ferrous building area (if constructed), and certain drive areas. Lighting is proposed to be down cast lighting to limit offsite impacts.

Ventilation for Enclosed Areas

Most operations will be conducted outdoors. The buildings will be vented by passive means by virtue of the large doors that will be open often during the day. In any event, operations conducted on site do not require specialized forms of ventilation.

Fire Control Devices or Systems

All employees have Hazard Communication training and fire suppression equipment is located in multiple locations on-site. In an event that fire that can not be quickly suppressed by NEMR personnel, the Madbury fire department will be called and is adequately equipped to assist. There is also a dry fire hydrant located adjacent to the proposed shredder maintenance and break room building which is fed from Pudding Hill Road, providing access to the large quantities of water that may be required for fire suppression.

Shelter and Sanitation Facilities for Facility Operators

Facility staff members will include scale house attendants, office personnel and facility operating staff. The scale house attendant has shelter from the elements and rest room facilities in the scale house. Facilities for operations staff would be greatly improved with the improvements proposed with this application. Employees would have access to shelter and rest room facilities in the various buildings at the site. In addition, an employee locker and break room would be provided for site operators.

First Aid Station

First aid equipment will be available for facility operators and will be centrally located within each operating area, office building and employee locker and break room areas.

Emergency Communication for Facility Operators

Telephone service is available at the office building and scale house and is proposed to be provided in the following potentially forthcoming structures: non-ferrous building, employee break room, maintenance buildings and shredder operator's pulpit. In addition, portable radios are provided to operations personnel and in the equipment to allow communication amongst the operation staff. Facility supervisors are also provided with cellular telephones for internal and external communication.

Office and Area for Maintaining Facility Records

Office space is available in the scale house, proposed office and maintenance buildings and new scale house. Facility records will be stored electronically and in hard-copy in the proposed office building and off-site records storage facility in accordance with Company retention policies and Env-Sw 1105.06 and Env-Sw 1105.07.

Access Control Devices

Unauthorized entry to and unauthorized use of the facility is prohibited by restricting access to the facility and restricting the activities of the general public while within the facility.

Public access to the facility is via the driveway on Knox Marsh Road. The driveway is secured by a locked gate when the Facility Operator is not present. When the gate is open, all traffic must stop at the scale house or office building, so that all entry to the facility is monitored; permitting access to authorized parties only.

Access to the facility by other means is restricted by a fence along the southern boundary (Pudding Hill Road), natural site features along the northern boundary (the Bellamy River) and natural site features and man made boundary on the eastern boundary.

Weather resistant signs will be provided on the facility access road indicating the operating hours of the facility and access restriction signs will be posted around the perimeter of the site. In addition, facility buildings will be provided with locks so they may be locked at night and when the Facility Operators are not at the facility.

2.2 Material Handling and Storage Area Design (Env-Sw 404.04)

The current and proposed material handling and storage areas have been designed so that materials may be collected and contained in a manner that is protective of the environment, public health and safety. The conceptual design of potential future improvements depicted on the drawings represents significant enhancement over current conditions. Signs will be posted as necessary to direct users of the facility to the proper areas for managing the specific materials they are delivering. In addition, the scale house attendant and facility operating staff will be present when the facility is open. These people will be available to direct users of the facility to the appropriate locations to recycle their materials. In addition, facility operations staff will monitor the inventory to arrange for offsite transport as necessary to maintain inventory levels within the permitted requirements.

The proposed facility improvements include paving access roads and metals handling areas, which will serve to greatly limit dust generation during dry times of the year and sediment transport in runoff during rainy periods. Bypass waste materials and recyclables will be placed in appropriate storage areas or containers and will not be stored on site for extended periods of time. Incoming materials will consist largely of scrap metal. Therefore, litter, odor, dust, vectors, the production of leachate and generation of methane is unlikely.

Currently, much of the operation takes place outdoors. With the proposed improvements, a new building may be constructed largely for use managing nonferrous metals. Development of the new building would provide shelter from the elements to much greater degree than is currently the case. Furthermore, the majority of the areas where materials are proposed to be handled or stockpiled will be paved to limit the potential for soil to be mixed with the materials.

The facility design has been developed so that operational staff may have access for inspections, monitoring and maintenance as outlined in the Operating Plan (Section VII) and to assure that bypass wastes and recyclables are removed in accordance with the schedule in the Operating Plan and in conformance with the requirements of Env-Sw 405.03.

2.3 Waste Stockpiles (Env-Wm 404.05)

Metals will be stockpiled in bulk quantities or concrete storage bins. Containers and material storage bins will generally be located on paved areas or within a structure at the facility. As the majority of the materials handled will be metal, there will be limited potential for fire in stockpiled material. If a metal shredder is installed and operated, the remaining bypass residuals from the process of shredding light iron, automobiles and shreddable non-ferrous materials (such as aluminum and stainless steel) would comprise the residual waste at the facility, Non-Ferrous Raw. Non-Ferrous Raw from the facility would be transloaded to a company-owned or third-party Non-Ferrous Recovery Plant for further processing and recovery of product. Any bypass residuals not shipped to a Non-Ferrous Recovery Plant would be transloaded to an authorized facility for recycling or disposal.

3.0 Management of Certain Wastes (Env-Sw 900)

This section of the Rules deals with management of asbestos, ash, contaminated soils and media, infectious waste, and tires. Of these materials, tires are currently managed at the facility to the extent they are found on incoming cars. The other materials are not proposed to be managed at the facility.

3.1 Tires (Env-Sw 905)

Tires may be present on cars received for possible shredding or “processing” in the wet car building prior to shredding or processing. Tires which are removed prior to shredding will be stored in a trailer or transfer container located in an area adjacent to the wet car building. When the trailer or container becomes full, the tires will be hauled off-site for recycling/disposal at an authorized facility. Tires are not proposed to be stockpiled or stored indoors at the facility.

4.0 Universal Design Requirements (Env-Sw 1004)

4.1 Basic Design Requirements (Env-Sw 1004.01)

The facility design was developed to provide for significant improvement over the current operation. Wetlands have been delineated at the site where shown on Site Layout, Drawing 1. The design of the proposed improvements shown on the Drawings was developed to avoid the need to place fill in wetlands.

To limit sediment in runoff from the site, pavement will be provided in traveled ways and beneath waste and recyclable material handling areas. The drainage design for each proposed operating area will developed to appropriately correspond with the operation and the control of stormwater and in compliance with regulations at the time of installation.

The facility design and operating plan have been developed in accordance with the Solid Waste Rules. Therefore, operations should not result in groundwater or air quality impacts in violation of state or federal regulations.

The current NEMR operation is located at the site. As discussed in Section V of the permit application documents, the Natural Heritage Bureau (NHB) was contacted. In their report NHB indicated that although there was an NHB record (e.g., rare wildlife, plant and/or natural

community) present in the vicinity of the site, NHB does not expect that it will be impacted by the proposed project.

4.2 Roads and Traffic Control (Env-Sw 1004.02)

Facility access is obtained using the existing access road from Route 155. Within the site, there is ample queuing length for incoming vehicles before the scale and within the site, which has been more than sufficient to accommodate peak facility use.

Signs to direct users and limit access within the facility are to be located in key areas and intersections of the facility. The proposed traffic flow is as indicated on Site Layout, Drawing 1.

Site access roads are currently paved. It is proposed to improve upon the facility by paving any proposed roadways and the operating areas where incoming materials will be placed. The pavement plan is shown on the Proposed Pavement Areas Plan, Drawing 3. Roadway paving is proposed to include a granular sub-base overlain by a crushed gravel base, which would in turn be overlain by an asphalt binder course and an asphalt wearing course. The final design of this pavement section will be made in consideration of the heavy vehicles expected to be using the site.

4.3 Drainage (Env-Sw 1004.03)

The drainage design for the facility will be described in detail in the Site-Specific Permit application for the project. As is the case with the current site infrastructure, the proposed development has no defined discharge of stormwater from the site. The operating area of the site is composed of impermeable surfaces that do not allow the infiltration of stormwater during storm events; however, final operational enhancements and corresponding drainage designs will include the related stormwater management system(s) as appropriate for the operation and in compliance with regulations at the time of installation.

4.4 Protection of Landfill Closure Systems (Env-Sw 1004.04)

A closed shredder residue landfill is located in the eastern portion of the site. As indicated in the Siting Report (Section V), this landfill was closed with a geomembrane cover system in 1995. The proposed improvements described in this application will not involve activities in the footprint area of the closed landfill. In addition, there are monitoring wells at the facility that will be protected during construction and operation.

5.0 Additional Design Requirements (Env-Sw 1103)

5.1 Access Control (Env-Sw 1103.03)

A gate is located along the facility entrance roads to restrict access to the facility. The gate will be locked at night and when the facility is unattended. When the gate is open, all traffic must stop at the scale house or office building, so that all entry to the facility is monitored; permitting access to authorized parties only.

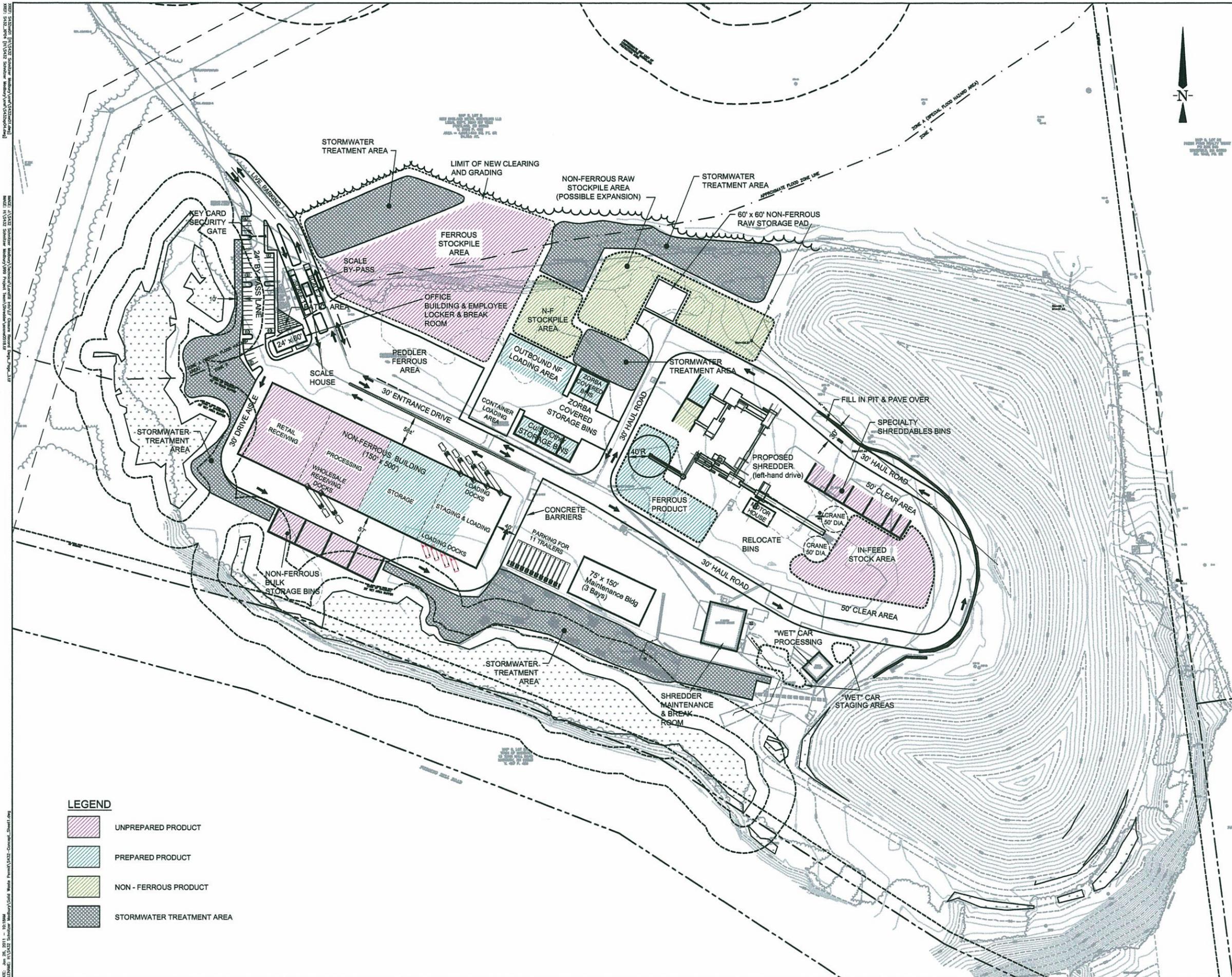
Access to the facility by other means is restricted by a fence along the southern boundary (Pudding Hill Road), natural site features along the northern boundary (the Bellamy River) and natural site features and man made boundary on the eastern boundary.

Weather resistant signs providing information regarding the access restriction are posted around the perimeter of the site.

5.2 Surrounding Properties (Env-Sw 1103.04)

As indicated above, the facility is in a rural area. Wooded land provides a buffer between the facility and surrounding properties such that the facility is not visible from surrounding roads. The operation and drive areas are paved with asphalt pavement and concrete to minimize generation of dust from the drive and operating surfaces. Dust suppression measures are incorporated into the design of the proposed shredder, with water automatically sprayed during the shredding process to assist with control dust on the site.

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NOTE: ENGINEER'S CERTIFICATION IS FOR PERMITTING PURPOSES ONLY.



CONCEPTUAL PLAN

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No.	REVISION	DATE	APP BY

NE Metals Recycling, LLC
 MADBURY, NH
 SITE IMPROVEMENTS

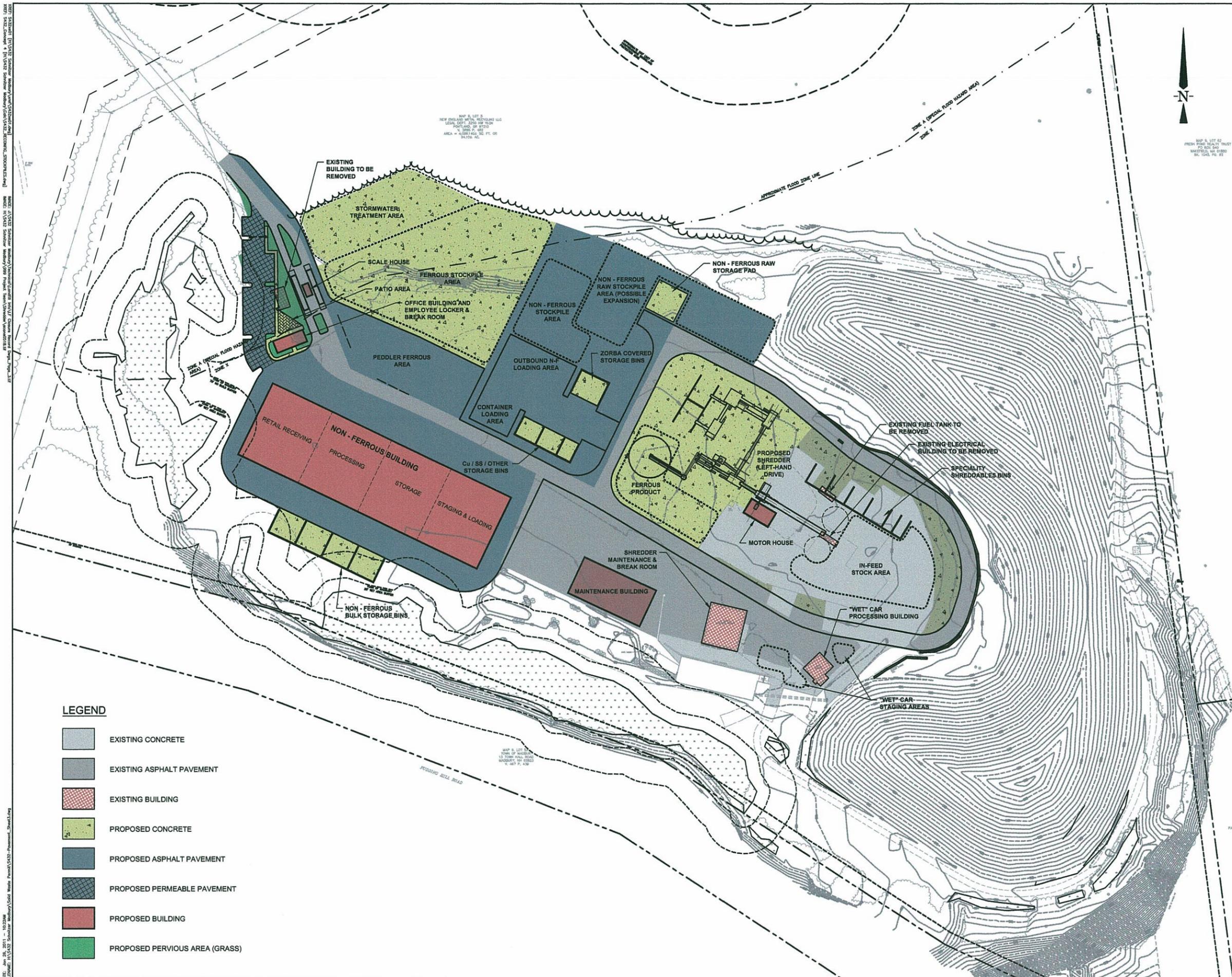
SITE LAYOUT

PROJECT No.: 5432-000	DRAWING No.
DATE OF ISSUE: 1/26/11	1
SHEET No.:	
SCALE: 1"=80'	

LEGEND

	UNPREPARED PRODUCT
	PREPARED PRODUCT
	NON-FERROUS PRODUCT
	STORMWATER TREATMENT AREA

DATE: Jan 26, 2011 - 10:18AM
 FILENAME: H:\5432 - Schiller - Madbury\5432 - Concept - Sheet1.dwg
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STATE OF NEW HAMPSHIRE
 JANET C. BERNARDO
 No. 11865
 LICENSED PROFESSIONAL ENGINEER
 1-26-11

NOTE: ENGINEER'S CERTIFICATION IS FOR PERMITTING PURPOSES ONLY.

0 80 160
 SCALE IN FEET

CONCEPTUAL PLAN

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No.	REVISION	DATE	APP BY

NE Metals Recycling, LLC
 MADBURY, NH
 SITE IMPROVEMENTS

PROPOSED PAVEMENT AREAS PLAN

PROJECT No.: 9432-000
 DATE OF ISSUE: 1/28/11
 SHEET No.:
 SCALE: 1"=80'

DRAWING No.
3

- LEGEND**
- EXISTING CONCRETE
 - EXISTING ASPHALT PAVEMENT
 - EXISTING BUILDING
 - PROPOSED CONCRETE
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED PERMEABLE PAVEMENT
 - PROPOSED BUILDING
 - PROPOSED PERVIOUS AREA (GRASS)

DATE: Jan 26, 2011 - 10:22AM
 DRAWN BY: Paul Mantel
 CHECKED BY: Paul Mantel
 DESIGNED BY: Paul Mantel
 PROJECT: 9432-000 - NE Metals Recycling, LLC
 SHEET: 3 OF 3
 SCALE: 1"=80'
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SECTION VII. OPERATING PLAN

Prepare and submit an Operating Plan, according to the following instructions. See also Env-Sw 1105.11. Refer also to the DES publication entitled "Best Management Practices for Transfer Stations/Recycling Centers" for guidance in establishing facility-operating practices. If a copy is not included with this permit application package, contact the DES Solid Waste Technical Assistance Section at (603) 271-2925 to request a copy.

- (1) A facility Operating Plan shall provide sufficient detail to allow the certified operator and other trained facility personnel to operate the facility in compliance with RSA 149-M, the permit and the Solid Waste Rules without further explanation or guidance. See Env-Sw 405; Env-Sw 900 (if for asbestos, ash, contaminated soil and/or other media, infectious waste, or tires); Env-Sw 1005; and Env-Sw 1105 (if operated longer than 90 days).
- (2) The Operating Plan shall be prepared as a loose leaf, stand-alone document to facilitate future amendment, as specified in Env-Sw 315. Submit the stand-alone document with this application, in its own binder.
- (3) Each page of the Operating Plan shall bear the date of preparation or last revision, as applicable, and the facility name and location.
- (4) The content and organizational format of the Operating Plan shall be as follows:
 - Section 1, titled "Facility Identification," shall identify:
 - The facility name, mailing address, location by street address and municipality, and permit number.
 - The type of the facility.
 - The capacity of the facility.
 - The facility service type.
 - The facility service area.
 - The name, address and telephone number of the permittee, property owner, and operator.
 - Section 2, titled "Authorized and Prohibited Waste," shall provide a list of:
 - The specific types of waste to be received by the facility.
 - The specific types of waste to be prohibited by the facility.
 - Section 3, titled "Routine Operations Plan," shall provide a detailed description of how the daily operations of the facility will be conducted to assure that the facility will be operated in accordance with the Solid Waste Rules, including a description of:
 - Hours of operations.
 - Facility access control and on-site traffic patterns.
 - Waste acceptance and rejection procedures, including unloading, sorting and inspection procedures.
 - The procedure by which the quantity and source(s) of all wastes received by the facility will be determined and recorded.
 - The procedure by which the quantity and destination of all outgoing waste and certified waste-derived products will be determined and recorded.
 - The storage time and capacity limits for all wastes received by the facility and the procedures by which the limits will be monitored to assure compliance therewith.
 - All collection, storage, transfer, processing, treatment and disposal methods and procedures employed by the facility for managing waste following receipt.
 - Section 4, titled "Residual Waste Management Plan," shall provide a detailed description of how all residual waste, will be managed by the facility. Include the following information:
 - The type and estimated quantity of all residual wastes to be generated by the facility.
 - How such wastes will be managed at the facility prior to removal.
 - Information to demonstrate how the provisions of Env-Sw 1105.10 will be met.
 - Quality assurance/quality control provisions, to assure that the wastes to be transferred are acceptable to the receiving facility.
 - Section 5, titled "Facility Maintenance, Inspection and Monitoring Plan," shall identify all routine maintenance, inspection and monitoring requirements necessary to assure the integrity of facility operations, including a description of the measures to be undertaken to monitor and inhibit the following:
 - Spontaneous combustion.
 - Other fire hazards.

- Vector production.
 - Generation of methane, hazardous and/or explosive gases.
 - Odors.
 - Dust.
 - Windblown litter.
 - Leachate.
 - Spills.
 - Other potential or anticipated hazards or nuisances.
- Section 6, titled "Contingency Plan," shall:
- Identify all reasonably foreseeable emergencies, such as fire, explosion, operator injury, and the like, based on the type of facility and wastes being handled;
 - Describe the appropriate response of facility personnel for each emergency identified above; and
 - Include identification of and telephone numbers for all local and state officials to be notified in the event of an emergency;
- Section 7, titled "Employee Training Program," shall provide a description of employee training program(s); and
- Section 8, titled "Record Keeping and Reporting," shall provide a description of record keeping procedures as necessary to comply with Env-Sw 1105.06 and Env-Sw 1105.07.
-



OPERATING PLAN

New England Metal Recycling, LLC
Knox Marsh Road; Madbury, NH

Prepared For:

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Attachment 5 – Emergency Contacts

1.0 FACILITY IDENTIFICATION

Facility Name: New England Metal Recycling, LLC (NEMR)

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Dover, New Hampshire 03821-0040
(603)749-3314

Location Address: 290 Knox Marsh Road
Madbury, New Hampshire 03823

Permit Number: DES-SW-SP-_____

Facility Type: Collection/Storage/Transfer (Commercial Metal Recycling)

Facility Capacity: 475,000 tons/year

Facility Service Type: Unlimited Service Area Facility

Facility Service Area: Material delivered to the facility will generally be from individuals and businesses located within 75 miles

**Facility Permittee,
Property Owner,
Operator** New England Metal Recycling, LLC
c/o Schnitzer Steel Industries, Inc.
PO Box 490905
Everett, MA 02149
(617) 389-8300

The New England Metal Recycling (NEMR) facility, located on Knox Marsh Road (Route 155) in Madbury, New Hampshire, is an existing collection, storage, and transfer facility, operating under a temporary solid waste permit (DES-SW-TP-94-001). This Operating Plan has been prepared to accompany a standard solid waste permit application for the facility and is based upon potential installation/construction of improvements to the facility.

The improvements identified in the application are presently conceptual in nature and may occur as a single project or in individual phases over time. These potential improvements include installation of a shredder, construction of a non-ferrous building, construction of a maintenance facility and an office building. There is no guarantee any or all improvements identified in the application would be implemented due to both business and economic conditions; however, should any improvement(s) occur, the corresponding Operations Plan will be implemented accordingly and in compliance with regulations at the time of installation.

2.0 AUTHORIZED AND PROHIBITED WASTE

2.1 Authorized Waste

The following materials are authorized for receipt and processing at the facility:

Ferrous scrap metals consisting of iron, steel and cast iron in various forms, such as:

- A. Prepared Steel – Material of a certain size, thickness and quality requirement to be described as commodity grade prepared scrap. This material requires no further processing
- B. Unprepared Steel – Material of miscellaneous size, thickness and quality requiring processing (shearing, cutting, baling, etc) into prepared steel (above)
- C. Mixed Steel – Material of miscellaneous size, thickness and quality requiring sorting and processing to create a marketable ferrous material
- D. Cast iron materials consisting of, but not limited to; boilers, radiators, obsolete machinery, etc., that are not steel
- E. Light iron – Material consisting of light gauge steel, white goods, appliances, roofing material and other sheet steel items generated from households, industrial sources, transfer stations and municipal solid waste
- F. Automobiles and obsolete vehicles
- G. Obsolete machinery and other equipment generally from manufacturing operations

Non-Ferrous scrap materials including:

- A. Aluminum
- B. Brass
- C. Copper
- D. Lead and Lead Acid Batteries
- E. Stainless Steel and High Temperature Alloys
- F. Catalytic Convertors
- G. Any other non-ferrous recyclable materials that have value

2.2 Prohibited Waste

The following items are prohibited for processing at the facility:

- A. Hazardous material and hazardous waste
- B. Sludge and septage material
- C. Contained gaseous material
- D. Infectious material
- E. Explosives or explosive materials

* Refer to the following attachments for scrap acceptance guidelines and prohibited items. Attachment 1 – General Scrap Acceptance Guidelines; Attachment 2 - Shredder In-feed Guidelines; Attachment 3 - Guidelines for Iron and Steel Scrap

3.0 ROUTINE OPERATIONS PLAN

3.1 Operating Hours

The facility operates between the hours of 6:00 am and 11:00 pm, Monday through Friday, and 6:00 am to 12:00 pm, Saturday.

The facility accepts deliveries between the hours of 7:00 am and 4:00 pm Monday through Friday, and 7:00 am to 12:00 pm, Saturday, unless special arrangements have been made in advance with the Facility Operator.

3.2 Access Control & On-Site Traffic Patterns

Unauthorized entry to and unauthorized use of the facility is prohibited by restricting access to the facility and the activities of the general public while within the facility.

Public access to the facility is via the driveway on Knox Marsh Road. The driveway is secured by a locked gate when the Facility Operator is not present. When the gate is open, all traffic must stop at the scale house or office building, so that all entry to the facility is monitored; permitting access to authorized parties only.

Access to the facility by other means is restricted by a fence along the southern boundary (Pudding Hill Road), natural site features along the northern boundary (the Bellamy River) and natural site features and man made boundary on the eastern boundary. Weather resistant signs providing information regarding the access restriction are posted around the perimeter of the site. (Refer to Attachment 4 for minimum sign requirements)

Traffic flow within the site is designed to separate retail unloading activities and traffic from commercial/industrial unloading, processing and loading activities. Traffic is directed based upon the types and quantities of materials delivered and delivering vehicles. The Site Operator directs suppliers within the facility and signs are posted for directional, traffic flow, and speed and restriction purposes.

3.3 Waste Acceptance & Rejection Procedures

Upon arrival to the facility all materials are inspected by trained NEMR personnel prior to and during unloading. Authorized material is unloaded and inventoried by commodity, type, etc. Unauthorized material discovered at the time of inspection or during unloading is not accepted or permitted to be unloaded. If unauthorized material is found after it had been unloaded and the vendor has departed the facility, that material is segregated, placed on an impervious or covered surface and the supplier will be contacted to pick up and remove the material from the facility. If the supplier cannot be identified, then a third party vendor will be contacted to provide for disposal or recycling of the material in accordance with the applicable rules and regulations.

3.4 Quantity & Source of Incoming Waste Documentation

Incoming material is weighed on a certified truck scale at the scale house upon entry to the facility. Upon weighing a Tracking Ticket is issued and the supplier is directed to a designated location for inspection/offloading of the material. After the material is inspected, unloaded and accepted by NEMR personnel, the Tracking Ticket is

marked to indicate the material received, validated with the inspector's signature or stamp and the shipment is approved for acceptance and payment.

Records of incoming material inspection, content, weight and supplier are maintained at NEMR's Madbury office and off-site records storage facility in accordance with Company retention policies and Env-Sw 1105.06 and Env-Sw 1105.07.

3.5 Quantity & Destination of Metal Products and Non-Ferrous Raw

3.5.1 Metal Products

The majority of the incoming materials leave the facility as metal products. The quantity of metal product shipped off-site will be determined by weights obtained on the certified truck scales on site, with the weights and its destination recorded and maintained at NEMR's Madbury office and off-site records storage facility in accordance with Company retention policies and Env-Sw 1105.06 and Env-Sw 1105.07.

Some metal products from the facility are transloaded to company-owned processing plants in Massachusetts, Rhode Island, Maine and other domestic locations. The remaining metal is shipped to various domestic and international customers and consumers depending on market conditions. These customers may include, but are not limited to, processors, re-melters and manufacturers of steel, aluminum, brass, copper, stainless steel, lead, etc.

3.5.2 Non-Ferrous Raw and Bypass Residuals

If the proposed shredder is installed, the remaining residuals from the process of shredding light iron, automobiles and shreddable non-ferrous materials such as aluminum and stainless steel comprise the bypass residuals at the facility, Non-Ferrous Raw. The quantity of Non-Ferrous Raw shipped off-site will be determined by weights obtained on the certified truck scales on site, with the weights and its destination recorded and maintained at NEMR's Madbury office and off-site records storage facility in accordance with Company retention policies and Env-Sw 1105.06 and Env-Sw 1105.07.

If the proposed shredder is installed, Non-Ferrous Raw from the facility would be transloaded to a company-owned or third-party Non-Ferrous Recovery Plant for further processing and recovery of product. Any bypass residuals not shipped to a Non-Ferrous Recovery Plant will be transloaded to an authorized facility for recycling or disposal. (Refer to Section 4.3)

3.6 Storage Time and Capacity Limits Documentation

NEMR keeps a backlog of approximately 4-6 week's worth of production on site. This is necessary to bulk process and ship materials after sorting has occurred. Production rate typically equals incoming material added each day. The facility may store up to 50,000 tons of material, approximately 35,000 tons of metal product and 12,000 tons of bypass residuals if/when produced from the proposed shredding operation.

3.7 Methods and Procedures for Managing Waste

3.7.1 Collection

The collection of materials and products will be determined by the procedures outlined in Section 3.3 and Section 3.4. Upon the completion of inspection, materials received will be stockpiled in the manner necessary to segregate the materials into commodities for processing as a marketable product.

3.7.2 Storage

The storage of material and metal products will be maintained on an impervious surface in bulk stockpiles or bulk storage bins placed on an impervious surface throughout the facility as indicated on the Site Layout, Drawing 1 as each operating area may be developed. Some non-ferrous metals such as aluminum, copper, brass, etc. may also be stored in the proposed non-ferrous processing building or bulk storage bins. All materials and metal products are stored so they may remain suitable for intended use.

3.7.3 Transfer

The transfer of material and metal products will occur internally to the site based upon the segregation required to classify the material by commodity such as; prepared or unprepared steel, light iron, aluminum, etc. The transfer of material may occur in bulk or non-bulk quantities by truck, container or bulk movement by processing equipment such as a crane or loader. The off-site transfer of material, metal products and bypass residuals will occur in bulk or packaged form by truck or railcar in the event rail service is reactivated to the facility.

3.7.4 Processing

The processing of material on site may occur through one or more of the following techniques: physical sorting or separation of the material by commodity or product; shredding; cutting by portable or stationary hydraulic shears, torches, plasma cutters, saws; baling; crushing, wire chopping or other mechanical or manual means customary to the scrap metal recycling industry.

3.7.5 Treatment

The "treatment" of incoming material is not applicable to the operation.

3.7.6 Disposal

Metal Products: The majority of the incoming materials leave the facility as metal products. Some metal products from the facility are transloaded to company-owned processing plants in Massachusetts, Rhode Island, Maine and other domestic locations. The remaining metal is shipped to various domestic and international customers and consumers depending on market conditions. These customers may include, but are not limited to, processors, re-melters and manufacturers of steel, aluminum, brass, copper, stainless steel, lead, etc.

Bypass Residuals: If the proposed shredder is installed, the majority of bypass residuals would leave the facility as Non-Ferrous Raw and be transloaded to a

company owned or third-party Non-Ferrous Recovery Plant for further processing and recovery of product. From time to time, Non-Ferrous Raw may be shipped to an authorized third-party for recycling or disposal.

4.0 RESIDUAL WASTE MANAGEMENT – NON-FERROUS RAW

4.1 Type and Estimated Quantity of Residual Waste

4.1.1 Non-Ferrous Raw

If the proposed shredder is installed, the residuals from the process of shredding light iron, automobiles and shreddable non-ferrous materials such as aluminum and stainless steel would comprise the bypass residuals at the facility. These primarily include glass, dirt and fibers, other non-metallics and a recoverable quantity of non-ferrous metals which remain after shredding and mechanical/manual separation of material on-site.

Previous technologies, equipment and operations could not cost effectively recover all non-ferrous metals from the bypass residuals upon processing, resulting in the material ultimately being disposed of in a solid waste landfill without further separation. However, technological advances and improvements to equipment have enabled this material to become a raw material for further processing and recovery of non-ferrous metals; Non-Ferrous Raw.

If the proposed shredder is installed, Non-Ferrous Raw from the proposed operations would be placed in bulk storage bins on an impervious surface pending shipment to a company-owned or third-party Non-Ferrous Recovery Plant for further processing and recovery of product. In the event the material is not shipped to a Non-Ferrous Recovery Plant and is disposed of as a bypass waste, the material would be transloaded to an authorized facility for recycling or disposal.

NEMR's proposed shredder operation is expected to produce approximately 190 tons of Non-Ferrous Raw per day.

4.2 Non-Ferrous Raw Management Prior to Removal

If the proposed shredder is installed, only a small quantity of Non-Ferrous Raw (less than 1,000 tons) is expected to typically be stored on site pending disposition. The material is proposed to be placed in bins on an impervious surface to contain the material while awaiting transport. The planned storage area includes an area for expansion in the unforeseen event the quantity of material awaiting transport is greater than expected, but within the permitted limits.

4.3 Provisions to meet Env-Sw 1105.10

Application to certify a Waste-Derived Product for Distribution & Use of bypass residuals from a previous metal shredding operation at the site was filed with the New Hampshire Department of Environmental Services (NHDES) on July 1, 1999.

Letters and reports from the disposal sites involved in a 90-day trial demonstration indicate that the trial results were suitable for use as Alternative Daily Cover (ADC) at RCRA Subtitle D landfills. The NHDES issued the certification on July 2, 1999.

If the proposed shredder is installed, NEMR proposes to ship Non-Ferrous Raw and bypass residuals off-site to a Non-Ferrous Recovery Plant for further processing and several landfills. References for acceptance are available upon request.

4.4 QA/QC for Non-Ferrous Raw

If the proposed shredder is installed, routine testing of Non-Ferrous Raw would be performed on a quarterly basis when the material is used as ADC. In accordance with the Waste-Derived-Product certification, Non-Ferrous Raw would be tested for Total Petroleum Hydrocarbons (TPH), cadmium, lead, Polychlorinated Biphenyls (PCBs), Semi Volatile Organic Compounds (SVOC), Volatile Organic Compounds (VOC).

Copies of test results would be sent to receiving facilities and kept on file in NEMR's Madbury office and off-site records storage facility in accordance with Company retention policies.

5.0 FACILITY MAINTENANCE, INSPECTION & MONITORING PLAN

5.1 Spontaneous Combustion

Spontaneous combustion is not likely to occur in the material, metal products and proposed bypass residuals to be generated at the site. NEMR does not maintain compost piles or wood waste, and flammable and combustible materials are generally prohibited. Nonetheless, the facility does employ practices to minimize the potential for fires.

The potential for fire in the stockpiled materials is low due to the integrated material acceptance and rejection procedures, segregation of material and limited and segregated storage of Non-Ferrous Raw. Stockpiled inventory will be examined daily for visual signs of fire (hot spots, smoke, flames, etc.) by NEMR personnel. Flammables are stored in a secure location away from the piles (in the proposed Maintenance and Shredder Maintenance buildings, etc.).

Employees, property, and the general public are at low risk. Employees have Hazard Communication training and fire suppression equipment is located in multiple locations throughout the site. In the event of a fire that cannot be quickly suppressed by NEMR personnel, the Madbury fire department will be called and is adequately equipped to assist.

5.2 Fire Hazards

Fire hazards could exist in the following areas, due to the presence of papers, fuels, heat and human activities:

- Maintenance Building
- Shredder Maintenance and Break Room Building
- Wet Car Processing Building
- Scale House
- Office Building and Employee Locker & Break Room

All of these locations are, or would be, equipped with fire extinguishers. Fire extinguishers are inspected on a regular basis and employees have Hazard Communication training, which addresses potential fire hazards and procedures for preventing fires.

- Proposed Shredder

Fire and explosions are a risk with scrap metal shredding. Although scrap is generally prepared for shredding and examined on receipt, undetected combustible materials may potentially enter the shredder as sealed units or residual fuel vapor in automobiles. Explosive events are contained within the high strength steel box of the shredder; however, the escaping energy release may result in a percussion of the gases.

Fire and explosion risk are minimized by Scrap Acceptance Policies, Shredder In-feed Guidelines, examination of scrap as it is received, as well as, subsequent inspection as the material is loaded into the shredder. The majority of shredder in-feed and autos received at the facility would be prepared for shredding from

reputable wholesale dealers and processors. Automobiles received whole or “wet” from the general public or other sources are currently processed on site in the “wet car” building to remove all fluids, the battery and mercury switches prior to additional processing, stockpiling, and/or off-site transportation. Wet cars received at the facility that would be processed by the proposed future on-site shredding operation would also be prepared in the same manner.

Explosion risks in the shredding box would be minimized by the use of a water injection system. The automated system injects water into the shredder box based on the working load of the shredder motor and creates steam inside the shredding chamber. This creation of steam reduces the amount of oxygen, minimizing the potential for explosive events. The system is also equipped with a dump valve to add maximum water flow in case of fire or a combustion event.

Employees, property, and the general public are at low risk. Employees have Hazard Communication training and fire suppression equipment is located in multiple locations on-site. In the event of a fire that can not be quickly suppressed by NEMR personnel, the Madbury fire department will be called and is adequately equipped to assist.

5.3 Vector Production

There is no storage or handling of food, biological waste, organic waste and other vector carrying sources. Solid waste generated on site is disposed of in a municipal solid waste dumpster located outside the office.

5.4 Generation of Methane, Hazardous and/or Explosive Gas

Not applicable. None of the materials accepted or generated by the facility have the potential to generate these gases.

5.5 Odors

The current and proposed processes do not produce significant odors.

5.6 Dust

The operation and drive areas are paved with asphalt pavement and concrete to minimize generation of dust from the drive and operating surfaces. Dust suppression measures are incorporated into the design of the proposed shredder and water is automatically sprayed during the shredding process to control dust.

5.7 Windblown Litter

The material that the facility processes is generally heavy and does not have the potential to become windblown. A very small quantity of papers, labels, small pieces brought in with the materials, and fine material potentially generated by the proposed shredding process have the ability to become windblown. However, since dust control measures have been designed into the proposed shredder, and much of the facility is surrounded with a fence, these materials are not likely to leave the property. All office material that is capable of being recycled is collected for recycling. All office waste is deposited in a covered municipal solid waste dumpster located at the office.

5.8 Leachate

There are no stormwater discharges associated with runoff from the site as defined under the Multi Sector General Permit (MSGP) for stormwater discharge associated with industrial activities. Current and proposed operating areas of the site consist of concrete and asphalt surfaces that significantly limit the infiltration of stormwater during storm events. Stormwater systems incorporated into the current and proposed operating areas of the site are/would be designed to appropriately support each area, minimizing related risks with managing stormwater from the associated operation.

NEMR is proactive with the identification of potential sources of stormwater pollution and has the following programs to minimize the potential impact of these sources to nearby water bodies.

- Inbound Material Control Program
- Outdoor Material and Product Stockpile Management
- Indoor Material and Stockpile Management
- Designated Scrap Processing Areas
- Spill Prevention and Response Procedures
- Stormwater Best Management Practices (BMPs)

5.9 Spills

A Spill Prevention, Control and Countermeasure (SPCC) plan was developed to address federal (CFR part 112) and state (Env-Wm 1402) requirements for oil storage at the facility.

Key features of the plan are:

- Petroleum and fluids at the facility are stored in 10 aboveground storage tanks (AST), small containers and a mobile tanker truck. Table 1 provides detail of all fluid storage components in the facility, its volume, secondary containment and other containment when applicable.
- Identification of potential risks of oil contamination from on-site activities include leaks from ASTs, fueling activities, the operation of processing equipment including heavy machinery, and the storage of fluids such as motor oil, hydraulic fluid and diesel fuel.
- Spill Response and Notification Procedure - See section 6.1.3

5.10 Potential or Anticipated Hazards or Nuisance

Two potential sources for nuisance are noise and vibrations from the proposed shredder operation. It is NEMR's policy to minimize the potential for nuisance by operating only during regularly established hours. Noise and the potential for vibrations have been considered throughout the conceptual design and layout of the proposed facility. No complaints have been filed with NEMR in the three most recent years of facility operation.

6.0 CONTINGENCY PLAN

6.1 Emergency Scenarios – Immediate Actions

Immediate actions to follow by any responsible party, in an event of emergency are detailed below.

6.1.1 Fire & Explosion

- Assess the situation and evaluate fire, health and safety hazards;
- Take any action necessary to prevent risk to employees.
- If necessary, activate fire alarm;
- If necessary, dial 911 to notify the Madbury Fire Department

6.1.2 Injury

- Assess the situation and evaluate health and safety hazards;
- Take any action necessary to prevent additional risk to employees; (evacuate the facility, shut off machines, etc.)
- If trained, administer first aid and make efforts to stabilize the condition;
- If necessary, dial 911 to notify Emergency Services or evacuate to the nearest emergency room

6.1.3 Spill Response Procedure (As described in the SPCC)

In an event of a spill or oil discharge the following procedure will be followed immediately by facility personnel:

- Assess the situation and evaluate fire, health and safety hazards;
- Stop the discharge;
- Notify your immediate supervisor via two-way radio or phone. Follow up with notification to the Facility and Operations Manager and General Manager.
- Contain and remove all discharged oil and oil-contaminated debris;
- Small spills (less than 25 gallons) that are readily cleaned-up with the on-site spill kits, spill response will likely be handled by NEMR personnel;
- Larger spills, that require additional equipment (vacuum truck, excavator, roll-offs, booms, etc.), and spills that reach surface water, will be handled by an emergency response contractor. The emergency response contractor for NEMR-Madbury is **Cyn Environmental 1-800-622-6365**;
- Stockpile and/or dispose discharged oil and oil-contaminated materials in accordance with all applicable local, state and federal regulations;
- Monitor and mitigate fire, health and safety hazards and notify Emergency Services as necessary by dialing 911;
- Take any action necessary to prevent environmental damage from the discharge; and
- Investigate to determine the possible presence of free product.

6.2 Incidents Notification

- Incidents involving injuries and other health and safety issues are reported according to OSHA requirement.
- All incidents or situations at the facility which involve an imminent and substantial risk to human health, safety or the environment and/or which constitute a violation of the solid waste rules or the facility permit shall be reported to the NHDES.
- A verbal report should be made as soon as practicable.

- A written report shall be submitted within 5 working days of the time the facility operator becomes aware of the incident or situation and include information as:
 - Facility name, location by street and municipality, and permit number;
 - Permittee name, mailing address and telephone number;
 - Identification of all persons involved in the incident or situation, including name, title and affiliation;
 - A description of the incident or situation, including:
 - The date and time the incident or situation occurred;
 - The quantity and types of wastes and material(s) involved in the incident or situation and in the clean-up activities;
 - Measures employed to contain releases caused by the incident or situation; and
 - An assessment of actual or potential hazards to the environment, safety and human health related to the incident; and
 - Measures the Permittee has or intends to apply to reduce, eliminate, and prevent a recurrence of the incident or situation.

6.2.1 Nuisance Situation

Complaints made by abutters or other third parties that involve operating conditions or practices having the potential to adversely effect human health, safety or the environment or which involve a recurring or persistent nuisance situation shall be reported to the NHDES, in writing.

6.2.2 Oil Spill

If an oil spill occurs which exceeds the requirements of Env-Or 604.06 verbal notification shall be made directly to the NHDES during normal working hours or to the NH State Police after normal working hours.

Please refer to Attachment 5 for Emergency Phone Numbers

7.0 EMPLOYEE TRAINING PROGRAM

7.1 Certified Operators Requirements

According to Env-Sw 1005.07 the facility shall be staffed with persons qualified by reason of education, experience and performance history to operate the facility in accordance with all applicable requirements of the solid waste rules and the permit.

NEMR Madbury is a level IV facility, as specified by Env-Sw 1602.08 so the requirements for facility staffing are:

- All persons who operate the facility shall be certified by either issued certification or interim certification in accordance with Env-Sw 1600;
- There shall be at least one supervisor who shall be certified as a level III or level IV operator in accordance with Env-Sw 1600 for every one to 5 operators; and
- During the hours of operation, no less than 50 percent of the on-site personnel directly involved with the management of solid waste shall be operators certified by issued certification in accordance with Env-Sw 1600.

The NHDES administers an operator training program and written examination for operator certification on an annual basis. It is NEMR's policy that all personnel will renew their certificate on time by attending those training programs or qualified company training as approved by NHDES.

7.2 New Employees

NEMR's orientation and training program for new employees includes:

- Hazard Communication;
- Introduction to NEMR's Operating Plan;
- Introduction to NEMR's SPCC Plan

7.3 Refresher

Annual refresher of NEMR's programs is scheduled every year and attended by all employees. The refresher includes review of the following:

- Hazard Communication;
- Changes in regulations and requirements;
- Operating Plan;
- SPCC Plan

7.4 Weekly Meetings

The Facility & Operations Manager or Supervisor and/or Departmental Supervisor conducts weekly meetings to discuss safety issues, facility plans (SPCC, etc.), and inform employees of any changes to the facility's plans. A record of each meeting's agenda and attendance is maintained at NEMR's Madbury Office and off-site records storage facility in accordance with Company retention policies.

8.0 RECORDKEEPING AND REPORTING

8.1 Recordkeeping

A copy of the authorization page of the permit bearing the permit number and the authorization signature shall be prominently displayed at the facility office.

Current operator certification certificates shall be prominently displayed at the scale house office and/or facility office as appropriate.

A copy of the permit, including a complete copy of the last approved operating plan of record and a complete copy of the last approved closure plan of record, shall be maintained at the facility office.

An operating record for each calendar year is maintained by the facility. The operating record contains the following information, in accordance with Env-Sw 1105.06:

- Identification of the facility by name, location, and permit number
- Identification of Permittee
- Identification of facility operators
- Waste receipt documentation
- Wastes generated documentation
- Certified Waste-Derived Products documentation
- Inspection, Maintenance & Repair Records
- Accidents, Violations, Remedial and Emergency Event Response Action Records
- Environmental Monitoring Records
- Contact with Waste Management District

The operating records are maintained at the facility office and off-site records storage facility for the active life of the facility, and will be available to the NHDES for inspection and/or copies provided, at the request of the NHDES.

8.2 Reporting

Notification shall be provided to NHDES in writing within 30 calendar days of any change in the facility address, telephone number, key Certified Operators, and/or contact persons.

NEMR shall report all changes in operational and/or ownership control in accordance with Env-Sw 315.

NEMR will notify the NHDES in writing prior to conducting activities, which are not specifically authorized in the permit.

The facility files an annual facility report in accordance with Env-Sw 1105.07 by March 31 for the prior calendar year.

TABLE 1
Petroleum and Fluids Storage



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street PO Box 490905 Everett, Massachusetts 02149
 Phone: (617) 389-8300 Fax: (617) 389-8030

Table 1

New England Metal Recycling, LLC Madbury, NH

Petroleum and Fluids Storage

SOURCE	TOTAL QUANTITY (gals)	SECONDARY CONTAINMENT	OTHER CONTROLS
Diesel fuel in AST #1	15,000	Yes	Automatic high level, overfills, and leak detection alarms. Spill kit containing spill control and clean-up equipment and materials located adjacent to tank.
Heating oil in AST #2 Office	275	Yes	Spill kit containing spill control and clean-up equipment and materials located in basement.
Heating oil in AST #4 In garage	275	Yes	Spill kit containing spill control and clean-up equipment and materials located in the garage
Waste Oil in AST #5 In garage	275	Yes	Spill kit containing spill control and clean-up equipment and materials located in the garage
Lubricating and Hydraulic Oils in AST #6, 7, and 8 in Garage	275 each, Total is 825	Yes	Drip pan is located under dispensing points. Spill kit containing control and clean-up equipment and materials located in garage.
Used Gasoline in AST #13	500	Yes	Automatic high level alarms. Spill kit containing spill control and clean-up equipment and materials located in adjacent car dismantling building.
Waste Oil in AST #14	500	Yes	Automatic high level alarms. Spill kit containing spill control and clean-up equipment and materials located in adjacent car dismantling building.
Waste Antifreeze in AST #15	500	Yes	Automatic high level alarms. Spill kit containing spill control and clean-up equipment and materials located in adjacent car dismantling building.
Mobile Tanker Truck	1,800	Fueling completed in contained area	Audible alarm to prevent overfilling. Spill kit containing spill control and clean-up equipment and materials located in garage and car dismantling building.
Small containers of lubricating oil, hydraulic oil, windshield washer fluid and gasoline located in the garage and car dismantling building	Maximum is 100 gallons	Located on spill pallets or within bermed areas	Spill kit containing spill control and clean-up equipment and materials located in garage and car dismantling building.

ATTACHMENT 1

Scrap Acceptance Guidelines



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street P.O. Box 490905 Everett, Massachusetts 02149
Phone: (617) 389-8300 Fax: (617) 389-8030

Scrap Acceptance Guidelines

This document clarifies our general guidelines for accepting recyclable metals. These requirements reflect our commitment to responsible environmental management.

Please be aware that many of our guidelines are controlled by state and federal environmental regulations which apply both to us and our suppliers.

This list is not inclusive; other items not listed may be inappropriate for recycling as scrap metal. Please read these guidelines carefully and contact your supervisor or buyer if you have questions about specific items. **Remember that any load may be rejected at the supplier's expense if these guidelines are not followed.**

The following materials will NOT be accepted at our facility:

- Refrigerants (including CFCs and HCFCs) in refrigerators and air conditioners. Please note that Clean Air Act regulations (§608(b)(1) and (§608(c)) prohibit any release of refrigerants to the atmosphere, and require persons handling refrigerants to follow specific procedures. Our suppliers are Required to sign a statement certifying that all refrigerants have been properly removed (40 CFR §82).
- Asbestos or asbestos containing materials, such as pipe insulation, acetylene tanks and surfacing material commonly found on I-beams, tanks, and other structural and demolition debris (40 CFR §61.150).
- Oils, gasoline, other petroleum products and antifreeze. This includes hydraulic fluids, gear oils and grease. Hydraulic equipment must have hydraulic hoses removed and cylinders cut open and drained.
- Lead-acid or NiCad batteries or battery parts, including automobile batteries (40 CFR §273), unless sold as a separate commodity (lead-acid batteries) for recycling.
- Items that contain or have contained PCBs, including small capacitors, fluorescent light ballasts and electrical transformers or transformer components and paint (TSCA and 40 CFR §258 and §258). Transformers and transformer components may be accepted if properly drained and documented as "certified clean."
- Paint cans or other paint containers.
- Fluorescent lights, neon, high intensity mercury vapor lights, high pressure sodium, metal halide and associated ballasts.
- Circuit boards (unless sold as electronic scrap).
- Any material containing hazardous or toxic substances.
- Military scrap of any kind, unless approved in advance.
- Explosives or explosive residues.
- Radioactive material of any kind.
- Tires, wood, dirt, yard debris, concrete, asphalt, glass, rubber, or other non-metallic materials.
- Computers, televisions, computer monitors, CRT, LCD. (Computers may be accepted if previously approved for purchase as electronic scrap)

The following items will be accepted ONLY if prepared as described:

- Appliances: ALL fluids, including refrigerants, must be drained.
- Automobiles: Refer to Shredder In-Feed Guidelines and Procedures. Automobiles containing fluids may only be accepted if sold and processed as a "wet car."
- Air conditioning compressors: MUST be removed from item, cut in half, and drained
- Drums, barrels and other containers: MUST be thoroughly cleaned and the entire top removed and open for inspection. Gas cylinders, including air bottles, propane and other gas tanks, must be cut in half.
- Storage tanks must be clean and purged of all fluids/gases, as well as, free of plastic, fiberglass or asbestos coatings/liners. Tanks that held hazardous chemicals must be certified clean and free of hazardous material by competent authority. We must be able to inspect the inside of tanks; therefore all tanks must have the access panel removed or a "basketball" sized section removed for inspection purposes.
- Cable and wire: Must be cut in 3-foot lengths, or coiled and banded with ¾ inch steel banding in at least four (4) places.
- Chain-link fencing: Must be cut in sections no larger than 18 feet by 4 feet.
- Aerosol cans: MUST be empty and crushed or punctured. Plastic caps must be removed.

Metal Theft

In an effort to curtail the rising incidence of metal theft, Schnitzer Steel's operations refuse to accept the following materials unless ownership is clear established:

- New production scrap or new materials that are part of a manufacturing process that are being sold by an individual, not a company.
- Items used only by governments, utilities, railroads or for very specific purposes. This includes guardrails, manhole covers, storm drain covers and grates, certain cables used only in high voltage transmission lines, historic markers, cemetery plaques and artwork.
- Full-sized, new materials such as those used in construction, or equipment tools used by contractors.
- Materials that may not be new, but are clearly suspect, such as bleachers from an athletic field or traffic signs.
- Beer kegs, soda cylinders and shopping carts.
- End-of-life vehicles from an unknown supplier unless a written record of title is presented.
- Materials that have been reported stolen.

Schnitzer Steel maintains records of all transactions and cooperates fully with local, state and federal law enforcement in the prosecution of metal theft.

ATTACHMENT 2

Shredder In-feed Guidelines



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street P.O. Box 490905 Everett, Massachusetts 02149
Phone: (617) 389-8300 Fax: (617) 389-8030

Shredder In-feed Guidelines

In order to comply with existing federal, state and local safety and environmental laws and regulations, PLEASE TAKE NOTICE THAT the following items ("Prohibited Items") will not be accepted at our plant and MUST BE REMOVED from cars, white goods or any load of shredder material BEFORE DELIVERY TO OUR PLANT.

PROHIBITED ITEMS

1. Batteries or pieces of batteries (including lead battery terminal connectors)
2. Propane bottles, gas cylinders and pressurized vessels. Fuel tanks must be removed and flattened or evacuated of all fluids utilizing industry and environmentally safe practices to be accepted with autos. **Failure to properly process fuel tanks may result in rejection of entire load.**
3. Fluorescent light ballasts, capacitors, wet or dry transformers, or any other materials which may contain PCB's
4. Refrigerants, including but not limited to Chlorofluorocarbons (CFCs) and Hydro chlorofluorocarbons (HCFCs) (Note: Refrigerants must be properly recovered, not vented)
5. Mercury Switches
6. Lead wheel weights
7. Chain link fencing
8. Any cans, containers or components containing oil, brake fluid, anti-freeze, lead additives or other fluids
9. Sealed barrels, drums, pails and buckets
10. Closed containers
11. Garbage, rags, paper and other debris
12. Heavy unshreddable scrap, cable and wire
13. Steel or cast iron borings or turnings
14. Sealed compressor motors
15. Any hazardous or radioactive material or radioactive containment material
16. Any parts or pieces of items 1 to 15 above

* Note: We will only accept a maximum of 4 tires and one spare per vehicle. ALL tires must be on rims and "bolted" to the vehicle. Bolted means to the axle and spare tire storage area/rack only. We will NOT accept any loose tires. Loose tires shipped in any vehicle or load will result in a MINIMUM deduction of \$10.00/NT for the entire load. Repeat instances of loose tires in shipments will result in the rejection of the affected load(s).

All flattened and semi-flattened cars must be color-coded. If your load is not color-coded your trucks could experience delays at our yard while we inspect your load. No load will be allowed over our scale without a color code, unless the load can be inspected prior to your departure from our yard.

IF PROHIBITED ITEMS ARE NOT REMOVED, THEY AND THE MATERIAL THEY CAME WITH MAY BE REJECTED. WE RESERVE THE RIGHT, AT OUR DISCRETION, TO PROPERLY REMOVE AND DISPOSE OF THE PROHIBITED ITEMS AT THE SUPPLIER'S EXPENSE.

Required Preparations for Automobiles

All automobiles shall be drained of air conditioning refrigerant, mercury switches and fluids in accordance with Federal, State and Local regulations. The battery and battery terminal connectors must be removed from all vehicles. Automobiles may not contain heavy scrap, excess dirt, tires, wire rope, steel cable, fencing, large balls of wire or other non-shreddable items.

ATTACHMENT 3

Guidelines for Iron and Steel Scrap



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street P.O. Box 490905 Everett, Massachusetts 02149
Phone: (617) 389-8300 Fax: (617) 389-8030

Guidelines for Iron and Steel Scrap

Automobiles/Light Trucks

All automobiles shall be drained of air conditioning refrigerant, mercury switches and fluids in accordance with Federal, State and Local regulations. The battery and terminal connectors shall be removed from all vehicles. (If vehicle is towed in, you may remove the tires and take them with you). Automobiles may not contain heavy scrap, excess dirt, tires, wire rope, steel cable, fencing large balls of wire or other non-shreddable items. Please refer to shredder in-feed specifications and procedures for a complete listing of prohibited items.

Motor Blocks

Automobile and light truck motors from which steel and non-ferrous fittings may or may not be removed. Motor Blocks shall be drained of all fluids and free of drive shafts, frame parts, hoses or excessive contaminants. We will not accept large motors from heavy equipment, large trucks or marine equipment.

Light Iron

Light metal 1/8 inch and under in thickness - (includes items such as lawn mowers, bicycles, swing sets, water heaters, tin sheds, metal shelving, steel desks, appliances, etc.). Appliances must be free from all capacitors, CFC's and HCFC's. We will not accept refrigerators or air conditioners unless they have been properly drained of refrigerant, with all capacitors removed. No microwaves, computers, televisions or other household electronics. Please refer to shredder in-feed specifications and procedures for a complete listing of prohibited items.

#1 HMS, Prepared

Wrought iron and/or steel scrap, 1/4 inch and over in thickness. Individual pieces may not exceed 60 x 18 inches in size and must be prepared in a manner to insure compact charging. (Material exceeding one inch in thickness may not exceed 36 x 24 inches in size.) May not include automobile/light truck scrap, galvanized material, sheet iron or thin-gauged material. Sealed containers must be opened (cut) and drained of any fluids/gases, with valves removed.

#1 HMS, Unprepared

Material that exceeds above measurements for #1 HMS, Prepared and requires preparation by shearing or torching. We will only accept by special permission, heavy machinery or equipment, hydraulic cylinders and rams, fork-lifts, counterweights, boiler tube assemblies, transformers or material exceeding one inch in thickness that must be prepared by torching. Storage tanks must clean and purged of all fluids/gases, as well as, free of plastic, fiberglass or asbestos coatings/liners. Tanks that held hazardous chemicals must be certified clean and free of hazardous material by competent authority. We must be able to inspect the inside of tanks; therefore, all tanks must have the access panel removed or a "basketball" sized section removed for inspection purposes.

#2 HMS, Prepared

Wrought iron and/or steel scrap, black and/or galvanized, 1/8 inch and over in thickness. Individual pieces may not exceed 36 x 18 inches in size. May include automobile scrap properly prepared and free of sheet iron or thin-gauged material. May not include cable over 36 inches in length. Sealed containers must be opened (cut) and drained of any fluids/gases, with valves removed.

#2 HMS, Unprepared

Material that exceeds above measurements for #2 HMS, Prepared and requires preparation.

Guidelines for Iron and Steel Scrap

Plate & Structural

Clean open-hearth steel plates, structural shapes, crop ends and shearings scrap, ¼ inch and over in thickness. Individual pieces may not exceed 60 x 24 inches in size and must be prepared in a manner to insure compact charging. (Material exceeding one inch in thickness may not exceed 36 x 24 inches in size.) May not include pipe or reinforcing bar (rebar).

Plate & Structural, Unprepared

Material that exceeds P&S, Prepared sizing requirements and requires preparation by mechanical shearing or torching, dependent upon material size and shape.

Mixed Cast

May include all grades of cast iron except burnt iron, sash weights or foreign material. Sizing may not exceed 24 inches x 30 inches or any one piece over 150 lbs in weight.

Busheling

Clean, uncoated and unpainted new production scrap, not exceeding 2 ft x 3 ft in size. Must be alloy free. Must be free of non-ferrous metals and non-metallics of any kind, including but not limited to, excessive dirt, loose turnings, oil, grease, excessive rust, tin plate, galvanized metal, stainless steel, chrome or porcelainized coatings (such as appliance coatings), etc. Must lay reasonably flat in a truck/railcar.

Unprepared Busheling

Consists of clean, uncoated and unpainted new production scrap, not exceeding 5 ft x 10 ft in size. Must be alloy free. Must be free of non-metallics of any kind, including but not limited to, excessive dirt, loose turnings, oil, grease, excessive rust, tin plate, chrome or porcelainized coatings (such as appliance coatings), etc.

No. 2 Bundles

Old black and galvanized steel sheet scrap, hydraulically compressed to charging box size and weighing not less than 75 pounds per cubic foot. May not include tin or lead-coated material or vitreous enameled material.

Items we cannot accept in iron and steel scrap:

- Hazardous or radioactive material or radioactive containment material
- Batteries or lead
- Scrap containing refrigerants, asbestos or capacitors
- Crushed or baled barrels or drums
- Paint or undrained containers
- Closed containers such as acetylene, propane, gas or oxygen bottles
- Scrap containing rubber, oil, tar or heavy grease coatings
- Fuel tanks unless flattened, clean and free of plastic or fiberglass coatings
- Concrete, dirt, wood, non-metallics, paper, cardboard, plastics, tires, or glass

ATTACHMENT 4

Minimum Requirements for Facility Signage



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street P.O. Box 490905 Everett, Massachusetts 02149
Phone: (617) 389-8300 Fax: (617) 389-8030

New England Metal Recycling, LLC Madbury, NH

Minimum Requirements for Facility Signage

Entrance Signage:

Facility Name and Permit Number:

New England Metal Recycling, LLC
Permit Number: DES-SW-TP-94-001

Name, address and telephone number
of Permittee:

Operated By:
New England Metal Recycling, LLC
c/o Schnitzer Steel Industries, Inc.
PO Box 490905
Everett, MA 02149
(617) 389-8300

Hours during which wastes are received
at the facility:

Scale Hours:
Monday through Friday
7:00 am – 4:00 pm

Saturday
7:00 am – 12:00 pm

The type of wastes accepted:

Accepting:
Ferrous/Non-Ferrous Metals

A statement that unauthorized dumping
shall be subject to fine and prosecution:

**Unauthorized dumping shall be subject
to fine and prosecution.**

Perimeter Signage:

Warning Notice:

**Private Property
No Trespassing**

Facility Name and Permit Number:

New England Metal Recycling, LLC
Permit Number: DES-SW-TP-94-001

A statement that unauthorized dumping
shall be subject to fine and prosecution:

**Unauthorized dumping shall be subject
to fine and prosecution.**

ATTACHMENT 5

Emergency Contacts



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street P.O. Box 490905 Everett, Massachusetts 02149
 Phone: (617) 389-8300 Fax: (617) 389-8030

New England Metal Recycling, LLC Madbury, NH

Emergency Contacts

Company Emergency Contacts		
Facility & Operations Supervisor	David Mattocks	(603) 765-7406 (mobile)
General Manager – NH Operations	Joe Nicolella	(339) 224-8949 (mobile)
Safety Engineer	Patricia Gaudet	(603) 717-1058 (mobile)
Regional Environmental Manager	Keri Fitzpatrick	(781) 706-7003 (mobile)
Emergency Spill Response	Cyn Environmental	(800) 622-6365
Local Emergency Contacts		
Fire/Police/Ambulance	Emergency Operator	911
Madbury Fire Department	Non-Emergency	(603) 742-1164
Madbury Police Department	Non-Emergency	(603) 742-5566
Hospital	Non-Emergency	(603) 742-5252
Northern NE Poison Control Center	Emergency	(800) 222-1222
New Hampshire Emergency Contacts		
State Police (Headquarters)	Emergency	(800) 525-5555 or (603) 271-3636
State Police (Troop A)	Non-Emergency	(603) 679-3333
Department of Environmental Services (NHDES)	Emergency Response	(603) 271-3899 (day) (603) 271-3636 (night)
Department of Environmental Services	Solid Waste Management	(603) 271-2925
NH Homeland Security and Emergency Management	Non-Emergency	(603) 271-2231
Federal Emergency Contacts		
OSHA Area Office	Non-Emergency	(603) 225-1629
U.S. Environmental Protection Agency (Region 1 – Boston)	Non-Emergency	(888) 372-7341
U.S. Environmental Protection Agency (Region 1 – Boston)	Emergency Response	(800) 424-8802

SECTION VIII. CLOSURE PLAN

Prepare and submit a Closure Plan, according to the following instructions. See also Env-Sw 1106.04.

- (1) A facility Closure Plan shall provide sufficient detail to allow a third party to implement and complete all required facility closure tasks in compliance with RSA 149-M, the permit and the Solid Waste Rules without further explanation or guidance. See Env-Sw 406; Env-Sw 900 (if for asbestos, ash, contaminated soil and/or other media, infectious waste, or tires); Env-Sw 1006; and Env-Sw 1106, if operated longer than 90 days.
- (2) The Closure Plan shall be prepared as a loose leaf, stand-alone document to facilitate amendment as specified in Env-Sw 315. Submit the stand-alone document with this application, in its own binder.
- (3) Each page of the Closure Plan shall bear the date of preparation or revision, as applicable, and the facility name and permit number, if known.
- (4) The Closure Plan shall be organized and prepared as follows:
 - Section 1, titled "Facility Identification," shall provide the facility name, mailing address, location by street and municipality and permit number.
 - Section 2, titled "Closure Schedule," shall provide the anticipated date of closure and a closure schedule that sets forth each discrete activity that will be undertaken to complete facility closure, the order in which the activities will be undertaken and the estimated length of time required to complete each activity.
 - Section 3, titled "Waste Identification," shall identify all types of waste received or intended to be received by the facility during its active life.
 - Section 4, titled "Notifications," shall provide a description of how notice shall be given by the permittee to facility users prior to terminating receipt of waste;
 - Section 5, titled "Closure Requirements," shall provide:
 - A list of each major closure work task required to implement and complete closure of the facility; and
 - A description of the procedures for completing all required closure work tasks.
 - Section 6, titled "Post-Closure Requirements," shall identify and describe all required post-closure testing, inspection, maintenance and monitoring that will be performed at the facility pursuant to the provisions of the Solid Waste Rules and the permit.
 - Section 7, titled "Record Keeping and Reporting," shall identify and describe:
 - All record keeping and reporting obligations required of the facility following completion of the closure work identified in Section 5 of the Closure Plan; and
 - Locations and provisions for storing facility records, including the operating records, following facility closure;
 - Section 8, titled "Other Permits," shall:
 - Identify all other local, state and federal permits and approvals required to implement facility closure, including the implementation of all post-closure monitoring and maintenance requirements; and
 - Identify the status of each required permit and approval.
 - Section 9, titled "Closure Cost Estimate," shall provide a closure cost estimate prepared in accordance with the criteria in Env-Sw 1403.02. Closure cost estimation forms are available from the P&DRS at (603) 271-2925.



CLOSURE PLAN

New England Metal Recycling, LLC
Knox Marsh Road; Madbury, NH

Prepared For:

New England Metal Recycling, LLC
c/o Schnitzer Steel Industries, Inc.
PO Box 490905
Everett, MA 02149
(617) 389-8300

Prepared By:

Joseph J. Nicolella, Jr.
General Manager – New Hampshire Operations
Schnitzer Steel Industries, Inc
Metals Recycling Business
25 Sandquist Street
Concord, NH 03301
(603) 225-2267

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1.0 FACILITY IDENTIFICATION

Facility Name: New England Metal Recycling, LLC (NEMR)

Mailing Address: PO Box 40
Dover, New Hampshire 03821-0040
(603)749-3314

Location Address: 290 Knox Marsh Road
Madbury, New Hampshire 03823

Permit Number: DES-SW-SP-_____

2.0 CLOSURE SCHEDULE

2.1 Notice of Intent

The New England Metal Recycling (NEMR) facility, located on Knox Marsh Road (Route 155) in Madbury, New Hampshire, is an existing collection, storage, and transfer facility, operating under a temporary solid waste permit (DES-SW-TP-94-001). This Closure Plan has been prepared to accompany a standard solid waste permit application for the facility and is based upon improvements to the facility.

The improvements identified in the application are presently conceptual in nature and may occur as a single project or in individual phases over time. These improvements include the installation of a shredder, construction of a non-ferrous building, construction of a maintenance facility and an office building. There is no guarantee any or all improvements identified in the application would be implemented due to both business and economic conditions; however, should any improvement(s) occur, the corresponding Closure Plan will be implemented accordingly and in compliance with regulations at the time of closure.

At this time it is anticipated that the facility will be upgraded and maintained as necessary; therefore, the anticipated date of closure is not known. In any event, prior to commencing closure of the facility, a notice of intent to close will be filed as per the plan described below:

The notice of intent to close shall include:

- A. Facility Identification
- B. Date the facility intends to stop receiving materials
- C. A copy of the facility's approved closure plan or file reference thereto

2.2 Stockpiled Inventory Removal

Following the notice of intent the facility will no longer accept material and will process stockpiled inventory only. Depending on quantity of the existing inventory, removal of the stockpiled inventory should take approximately two to four weeks.

2.3 Stockpiled Non-Ferrous Raw/Bypass Residuals Removal

Non Ferrous Raw which consists of primarily glass, dirt and fibers, other non-metallics and a recoverable quantity of non-ferrous metals which remain after shredding and the mechanical and manual separation of material on-site is used as a raw material in a Non-Ferrous Recovery Plant. NEMR's permit allows for the stockpiling of up to 12,000 tons of bypass residuals. If a metal shredder is installed and operated, shredding operations are expected to produce approximately 190 tons of Non-Ferrous Raw per day and involve the removal of this residual as it is produced. Therefore, it is expected a small quantity (less than 1,000 tons) could be stockpiled pending disposition.

In the event of facility closure, remaining stockpiled Non-Ferrous Raw, if present, will be transloaded to a company-owned or third-party Non-Ferrous Recovery Plant for further processing and recovery of product within three to four weeks. Any bypass residuals not shipped to a Non-Ferrous Recovery Plant will be transloaded to an authorized facility for recycling or disposal.

2.4 Processing Equipment Removal

Equipment at the facility potentially includes a metal shredder system, conveyors, excavators, loaders, shears, non-ferrous baler, forklifts, skid-steers, torches, plasma cutters and other equipment customary to the scrap metals recycling industry. Following the end of inventory processing, NEMR will decommission and move all equipment off-site within 180 days.

2.5 Scrap and Trash Clean-up and Removal

NEMR will be responsible for the final clean-up and removal of scrap from the site. This will be accomplished by the remaining personnel or on site contractor. Visual inspection of the site, to confirm clean-up, will be performed prior to demobilizing.

3.0 AUTHORIZED AND PROHIBITED WASTE

3.1 Authorized Waste

The following materials are authorized for receipt and processing at the facility:

Ferrous scrap metals consisting of iron, steel and cast iron in various forms, such as:

- A. Prepared Steel – Material of a certain size, thickness and quality requirement to be described as commodity grade prepared scrap. This requires no further processing
- B. Unprepared Steel – Material of miscellaneous size, thickness and quality requiring processing (shearing, cutting, baling, etc) into prepared steel (above)
- C. Mixed Steel – Material of miscellaneous size, thickness and quality requiring sorting and processing to create a marketable ferrous material
- D. Cast iron materials consisting of, but not limited to; boilers, radiators, obsolete machinery, etc., that are not steel
- E. Light iron – Material consisting of light gauge steel, white goods, appliances, roofing material and other sheet steel items generated from households, industrial sources, transfer stations and municipal solid waste
- F. Automobiles and obsolete
- G. Obsolete machinery and other equipment generally from manufacturing operations

Non-Ferrous scrap materials including:

- A. Aluminum
- B. Brass
- C. Copper
- D. Lead and Lead Acid Batteries
- E. Stainless Steel and High Temperature Alloys
- F. Catalytic Convertors
- G. Any other non-ferrous recyclable materials that have value

3.2 Prohibited Waste

The following items are prohibited for processing at the facility:

- A. Hazardous material and hazardous waste
- B. Sludge and septage material
- C. Contained gaseous material
- D. Infectious material
- E. Explosives or explosive materials

4.0 NOTIFICATIONS

Following the filing of the Notice of Intent (section 2.1), NEMR will contact its frequent suppliers in writing. The letter will inform them of the upcoming closure and include a copy of the Notice of Intent. Suppliers will be notified at least one week prior to closure.

Simultaneously with the notification to suppliers, a sign will be posted at the entrance gate to the facility notifying any infrequent suppliers of the upcoming closure.

5.0 CLOSURE REQUIREMENTS

To comply with Env-Sw 1006.02(b), all processed recyclable materials shall be removed from the facility to an authorized facility.

5.1 Removal of Stockpiled Inventory

Stockpiled inventory would likely not exist at the time of facility closure. However, in the event of an unplanned closure, the inventory would be removed by another metal recycling operation or authorized contractor.

5.2 Removal of Stockpiled Non-Ferrous Raw/Bypass Residuals

If present, stockpiled Non-Ferrous Raw would be removed from the site as a raw material to a company-owned or third-party Non-Ferrous Recovery Plant for further processing and recovery of product. Any bypass residuals not shipped to a Non-Ferrous Recovery Plant would be transloaded to an authorized facility for recycling or disposal.

5.3 Removal of Processing Equipment

Removal of processing equipment will be scheduled following the removal of any stockpiled inventory and Non-Ferrous Raw/Bypass Residuals has been completed.

5.4 Clean-up and Removal of Remaining Scrap and Trash

The clean-up will involve the removal of materials from the facility's ground surface, using a crane, grapple, magnet, mobile shear, dozer and/or screener, as necessary. Material would be removed to the existing ground surface and shipped off-site to an authorized processing facility. In addition, the clean-up will involve removing any trash, debris and other materials from the buildings. All buildings will be secured to restrict unauthorized access or damage thereto.

6.0 POST CLOSURE REQUIREMENTS

Post-closure monitoring and maintenance shall be undertaken as required to assure the facility is closed in a manner to not adversely effect the environment, public health or safety.

6.1 Post Closure Monitoring

Post-closure monitoring will include groundwater quality monitoring in accordance with the groundwater permit for the facility. Reporting will be performed as required by the permit and the permit will be recorded as required by the NHDES.

6.2 Inspections

Inspection for remaining metal scrap should be performed prior to any use for the safety of personnel and equipment. Other inspections would depend on future site use.

6.3 Maintenance

Maintenance will depend on future site use. If the facility area is left as an open space, no maintenance will be necessary.

7.0 RECORDKEEPING AND REPORTING

Prior to closure NEMR will identify a repository for storing all operational and closure activity records. All records will be marked according to their content and shipped to the repository chosen

7.1 Annual Report

Annual report for the inactive facility as described in Env-Sw 1105.14 will be filed only through closure.

The report shall include the following:

- A. Facility name, location by street and municipality, and permit number;
- B. Name and address of Permittee;
- C. Name, address, certificate number and telephone number of all facility operators, if applicable;
- D. Name, address, affiliation and telephone number of the person or persons responsible for managing all post-closure activities at the facility;
- E. Facility status, including, as applicable:
 - 1) Date the facility discontinued receipt of waste;
 - 2) Commencement and completion dates for all construction activities at the facility related to the approved closure plan;
 - 3) Anticipated or scheduled date for completing all required post-closure monitoring and maintenance activities.

Post-closure monitoring and reporting will be performed in accordance with the requirements of the groundwater permit for the facility; however, post-closure monitoring is not anticipated at this time.

8.0 OTHER PERMITS

No other permits for closure are anticipated at this time.

9.0 CLOSURE COST ESTIMATES

The closure cost estimate for the facility will be prepared in accordance with the Closure Plan and the requirements of the NH Solid Waste Rules. The closure cost estimate is to be submitted to the NHDES as required (currently on an annual basis).

The facility's most recent cost estimate is included in Attachment 1. The estimate is based upon representative current market rates for a third party to perform the closure activities.

The cost estimate will be reviewed annually and updated as necessary along with the appropriate financial assurance documents.

SECTION IX. FINANCIAL REPORT

Provide the following information. Use separate paper if necessary.

(1)	The estimated cost of constructing the facility, unless the facility is an existing facility and no new construction is proposed: \$
(2)	The type and source of financing:
(3)	The estimated facility operating cost(s): \$
(4)	The estimated tipping fee or, if no tipping fee will be assessed by the facility, the estimated average cost per ton to manage waste at the facility: \$ /ton
(5)	Prepare and submit a financial assurance plan in accordance with Env-Sw 1400. Contact the DES Financial Assurance Coordinator at (603) 271-2925 for additional assistance and guidance, including forms for preparing financial assurance documents such as letters of credit, trust agreements, surety bonds, etc.

SECTION X. PERFORMANCE HISTORY

- (1) **BACKGROUND INVESTIGATION:** (Note: This requirement does not apply if the applicant is a government unit or agency or subdivision of the state. If so, check here and go to question (2) below.)

The applicant must provide as part of this application certain "personal and business disclosure information." The information will be used to facilitate a background investigation by the New Hampshire Department of Justice/Office of Attorney General (NH DoJ/AGO) pursuant to RSA 149-M:9,III and IX. The information is provided by completing two different forms, one for personal disclosure information and one for business disclosure information. The number and type of forms to be completed depends on whether the applicant is an individual or a non-individual and whether the applicant, facility operator and property owner are the same. The forms provide specific instructions for determining which individuals and entities must complete the forms. Submit the completed forms direct to the NH DoJ/AGO, Environmental Protection Bureau, 33 Capitol St., Concord, NH 03301-6397 with a "Notice of Filing" as specified by Section IV of this form. Do NOT submit copies of the completed personal and business disclosure forms to DES.

Note: If blank copies of the Personal and Business Disclosure Forms were not included with this permit application package, you may obtain copies from the P&DRS at (603) 271-2925.

Note also: The applicant must pay the cost incurred by the NH DoJ/AGO to complete the background investigation and prepare a report to DES. An invoice will be sent by the NH DoJ/AGO and payment will be due upon receipt.

- (2) **COMPLIANCE STATUS:** The applicant must either:
- sign the Compliance Statement provided below; or
 - submit a Compliance Report as specified in Env-Sw 303.15. Mark the Compliance Report as "Attachment X(2)."
- Check the appropriate box above to indicate which option you are undertaking.

COMPLIANCE STATEMENT

The applicant shall certify that each of the statements listed in (1)-(8) below are true for each of the following individuals and entities:

- the applicant.
- the facility owner.
- the facility operator.
- all individuals and entities holding 10% or more of the applicant's debt or equity.
- all of the applicant's officers, directors, and partners.
- all individuals and entities having managerial, supervisory or substantial decision making authority and responsibility for the management of facility operations or the activity(s) for which approval is being sought.

(1)	No individual or entity listed above has been convicted of or plead guilty or no contest to a felony in any state or federal court during the 5 years before the date of the application.				
(2)	No individual or entity listed above has been convicted of or plead guilty or no contest to a misdemeanor for a violation of environmental statutes or rules in any state or federal court during the 5 years before the date of the application.				
(3)	No individual or entity listed above has owned or operated any hazardous or solid waste facility which has been the subject of an administrative or judicial enforcement action for a violation of environmental statutes or rules during the 5 years before the date of the application.				
(4)	No individual or entity listed above has been the subject of any administrative or judicial enforcement action for a violation of environmental statutes and rules during the 5 years before the date of the application.				
(5)	All hazardous and solid waste facilities owned or operated in New Hampshire by any individual or entity listed above are in compliance with either: <table border="1" style="width: 100%;"> <tr> <td>(a)</td> <td>All applicable environmental statutes, rules, and DES permit requirements; or</td> </tr> <tr> <td>(b)</td> <td>A DES approved schedule for achieving compliance therewith;</td> </tr> </table>	(a)	All applicable environmental statutes, rules, and DES permit requirements; or	(b)	A DES approved schedule for achieving compliance therewith;
(a)	All applicable environmental statutes, rules, and DES permit requirements; or				
(b)	A DES approved schedule for achieving compliance therewith;				
(6)	All individuals and entities listed above are in compliance with all civil and criminal penalty provisions of any outstanding consent agreement, settlement, or court order to which DES is a party.				

(7)	All individuals and entities listed above have paid, or are in compliance with the payment schedule for any administrative fine assessed by DES; and
(8)	All individuals and entities listed above are in compliance with all terms and conditions under every administrative order, court order or settlement agreement relating to programs implemented by DES.
Signature of the applicant certifying the above statements are true for each of the applicable individuals and entities:	
Applicant Name (Print Clearly or Type)	<u>Pat Christ</u>
Applicant Signature	<u>PAT CHRISTOPHER</u>
Date	<u>1/25/11</u>

SECTION XI. PUBLIC BENEFIT

You must demonstrate that the subject facility will provide a "substantial public benefit" pursuant to the requirements of RSA 149-M:11. In order to make this demonstration, you must show how the facility meets three criteria, as provided in RSA 149-M:11, III(a) - (c), or, alternatively, you may certify that operation of the facility satisfies conditions specified in Env-Sw 405.04, summarized as follows:

- (1) Irrespective of the source of the waste, the total quantity of waste transferred by the facility on an annual basis to New Hampshire landfills and New Hampshire incinerators shall not exceed the total quantity of waste received by the facility from New Hampshire generators, figured in tons.

[Example: If a facility receives 1000 tons of waste per year from New Hampshire generators and 2000 tons per year from out-of-state generators, up to 1000 tons of the total 3000 tons of waste per year may be transferred by the facility for disposal at New Hampshire landfills and/or incinerators. The remaining 2000 tons must be transferred elsewhere, such as to composting facilities or recycling facilities or out-of-state facilities].

- (2) The facility shall operate, or be part of an integrated system which operates, in a manner which:
 - (a) Separates and diverts recyclable materials to authorized facilities for reuse.
 - (b) Avoids disposal of recyclable materials in a lined landfill with a leachate collection system.
- (3) During each calendar year that the facility receives waste, the permittee shall communicate with the host solid waste management district as specified in Env-Sw 1105.12.

Therefore, to complete this permit application, you may select either of the following options:

- Submit an independently prepared demonstration of public benefit which identifies how the subject facility meets each of the three public benefit criteria specified in RSA 149-M:11, III(a) - (c); Mark as "Attachment XI". (To obtain a copy of the statute, contact the P&DRS at (603) 271-2925 or look up on the internet at <http://www.des.nh.gov>).

OR

- Sign the following statement to certify the facility will operate in a manner satisfying the conditions for public benefit in Env-Sw 405.04, as summarized in (1) - (3) above. If you select this option, be certain to include sufficient information in the Operating Plan you prepare pursuant to Section VII of this application form to show how facility operations will in fact satisfy the conditions for public benefit. Note: Conditions (1) - (3) below will be conditions of any permit issued. Therefore, you MUST accordingly operate the facility and maintain records to verify the same.

CERTIFICATION FACILITY OPERATIONS SHALL PROVIDE A SUBSTANTIAL PUBLIC BENEFIT PER Env-Sw 405.04

(1)	The total quantity of waste that the subject facility transfers annually to New Hampshire landfills and incinerators shall be limited to the quantity of waste the subject facility receives annually from New Hampshire generators.
(2)	The subject facility shall operate, or be part of an integrated system of facilities which operates, in a manner which: separates and diverts recyclable materials to authorized facilities for reuse; and avoids disposal of recyclable materials in a lined landfill with a leachate collection system.
(3)	During each calendar year, the subject facility shall communicate with the host solid waste management district as specified in Env-Sw 1105.12, for example by sending to the district chairperson a copy of the facility's annual report with a cover letter which explains how the facility met its obligations for providing a substantial public benefit during the preceding year and which requests the district to identify specific needs which the facility may be able to assist the district in meeting.

Signature of the applicant certifying agreement that the subject facility shall operate in compliance with the above provisions:

Applicant Name (Print Clearly or Type)

PAT CHRISTOPHER

Applicant Signature

Pat Christopher

Date

1/25/11

SECTION XII. SIGNATURES

Applicant Signature

The applicant(s) must sign the following statement prior to submitting this application. All copies of the application filed with DES must bear the applicant's ORIGINAL signature(s). If the applicant is not an individual, an individual duly authorized by the applicant shall sign the application.

- (1) To the best of my knowledge and belief, the information and material submitted herewith is correct and complete.
- (2) I understand that any approval granted by DES based on false and/or incomplete information shall be subject to revocation or suspension, and that administrative, civil or criminal penalties may also apply.
- (3) I certify that this application is submitted on a complete and accurate form as provided by DES without alteration of the text.

PAT CHRISTOPHER

Applicant Name (Print Clearly or Type)

Co-Applicant Name (Print Clearly or Type)

Pat Christopher

Applicant Signature

Co-Applicant Signature

1/25/11

Date

Date

Property Owner Signature

If the property owner is not the applicant, then the property owner(s) must also sign this form as follows. All copies of the application filed with DES must bear the property owner's ORIGINAL signature(s). If the property owner(s) is not an individual, an individual duly authorized by the property owner shall sign the application.

- (1) I hereby affirm that the applicant has, or shall be granted, the legal right to occupy and use the property on which the subject facility is or will be located for the purposes specified in this application.
- (2) I hereby affirm that I shall grant access to the property for closure and post-closure monitoring of the subject facility and site as required by RSA 149-M and the New Hampshire Solid Waste Rules (Env-Sw 100-300 and Env-Sw 400-2000), as amended.

Property Owner Name (Print Clearly or Type)

Joint Owner Name (Print Clearly or Type)

Property Owner Signature

Joint Owner Signature

Date

Date

SECTION XIII. FEE CALCULATION FORM

Pursuant to Part Env-Sw 310 of the New Hampshire Solid Waste Rules, a fee as specified in (1) - (3) below, shall be remitted to TREASURER, STATE OF NEW HAMPSHIRE at the time this application is filed.

(1)	The fee for an existing facility that holds a temporary permit is \$500. Check here <input checked="" type="checkbox"/> if applicable.				
(2)	The fee for an existing facility that does NOT hold a temporary permit and which is scheduled to close, is zero. Check here <input type="checkbox"/> if applicable.				
(3)	For all other facilities, follow the instructions in (a) through (d) below:				
(a)	FACILITY CAPACITY: How many tons per day of solid waste is this facility designed to receive? _____ tons per day (TPD)				
(b)	FACILITY LIFE EXPECTANCY: What is the designed life expectancy of this facility? _____ (Years)				
(c)	Using the numbers you have provided in (a) and (b) above, circle the related dollar amount in chart below.				
		FACILITY LIFE EXPECTANCY			
	FACILITY CAPACITY	0-1 YR.	1-5 YRS.	5-10 YRS.	10+ YRS.
	30 or fewer TPD	\$100.00	\$400.00	\$800.00	\$1,000.00
	31 to 120 TPD	\$200.00	\$800.00	\$1,000.00	\$2,000.00
	121 to 300 TPD	\$500.00	\$2,000.00	\$4,000.00	\$5,000.00
	301 to 600 TPD	\$1,000.00	\$4,000.00	\$8,000.00	\$10,000.00
	601 or more TPD	\$2,000.00	\$8,000.00	\$16,000.00	\$20,000.00
(d)	Calculate the required fee, using the formula below.				
	MINIMUM BASE FEE (MBF)	=		\$	
	AMOUNT CIRCLED IN ITEM (c) ABOVE	=	+	\$	
	TOTAL FEE	=		\$	