Deigan & Associates, LLC
Environmental Consultants
1801 Sheridan Rd., Suite 103
North Chicago, Illinois 60064
847.578.5000
fax 847.578.5010

February 22, 2011

Ms. Jill Groboski (LU-9J)
Project Manager
US EPA Region V
Land and Chemicals Division
Remediation and Reuse Branch
Corrective Action Section
77 West Jackson Blvd.
Chicago, Illinois 60604-3590

Re: Former Lake Shore Foundry, Waukegan, IL. (ILR000 1110591)
653 S. Market St.

Dear Ms. Groboski:

This letter provides an update related to the above-referenced property. We have prepared this letter for you at the request of Norstates Bank. Although we had performed prior work for Lakeshore Foundry (LSF), we are currently unaware of the status of that business organization, if it still exists. Our work now is being performed for Norstates Bank.

Foreclosure & Property Vacated

As a result of loan defaults, foreclosure proceedings were completed. A Lake County Sheriff's Foreclosure sale was held on May 18, 2009 Norstates Bank assumed bank ownership of the property and recorded title in November 2009. LSF continued to occupy the building and operate as a tenant until approximately June 2010, when they were evicted by Norstates Bank for non-payment of rent. A copy of the published Foreclosure Public Notice is enclosed as **Attachment 1.**

Status of Work Completed Under Consent Order

During the period from November 17, 2006 (the effective date of the Consent Order between the Respondents and USEPA) to September 2009 substantial work was conducted per the terms of the Consent Order. In summary, the work that was completed and reviewed by USEPA included, but was not limited to:

1. **Interim Measures Work Plan** including completion of several iterations of soil, sediment, and groundwater sampling and analysis.

2. **Interim Measures Completion Report** which included documentation of excavation, treatment, and off-site disposal of contaminated soils as a corrective measure.

3. **Description of Current Conditions (DOCC) Report** which included completing 4 rounds of groundwater sampling and analysis. The last correspondence related to the 4th round of groundwater sampling and analysis occurred in an email dated September 14, 2009 (**See Attachment 2**).

4. **A Letter of Credit was maintained** with funding to cover the above Consent Order tasks. USEPA provided concurrence to incrementally reduce the LOC following task completion.

Work Conducted in 2010 by Norstates Bank

Norstates Bank became concerned with vandalism, theft and trespasser activities at the former Lakeshore Foundry Plant. LSF left the plant abruptly without removing raw materials, process equipment, and certain hazardous substances. Norstates Bank consulted with Deigan & Associates, LLC to assess potential liability associated with the abandoned plant in its current condition. Continued break-ins and the potential for hazardous substance releases as the building condition deteriorated warranted proper decommissioning and demolition of the above-grade property structures. The following approach was managed and implemented to facilitate proper and safe demolition:

1. Additional gates and security measures and board-up were conducted to distract vandals.
2. A hazardous substance and asbestos survey was conducted throughout the building.
3. Specialized hazmat contractors were contracted to remove and treat interior foundry sand and residual dusts.
4. Treated foundry sand and dusts were confirmed by analysis to be rendered non-hazardous then transported/manifested as special waste to Veolia ES Zion Landfill. Approximately 108 tons of treated foundry sand and spent sand cores were removed from the building as a further corrective measure.
5. Unused or spent petroleum and chemicals were removed and manifested to off-site licensed TSDFs for recycling and disposal.
6. Asbestos abatement was completed by an Illinois Licensed Asbestos Removal Contractor.
7. Salvageable equipment and raw materials were sold or recycled.
8. The building was demolished by a qualified demolition contractor.
9. The concrete floor slabs and asphalt paved surface areas were not removed during demolition so that they would remain as engineered surface barriers at the site.
10. Floor pits were backfilled with crushed stone to eliminate trip or fall hazards.

11. A perimeter gate was installed to limit unauthorized vehicle access to the property.

Lake Shore Foundry Property Demolition Completion Schedule		
Task	**Start Date**	**Completion Date**
1. Utilities and Power Disconnect, Salvageable Equipment & Scrap Removal	7/28/10	9/14/10
2. Hazardous Substance Removal, Asbestos Abatement	7/20/10	10/22/10
3. Building Demolition	9/28/10	10/22/10

We have enclosed photos and disposal manifests/documentation (**Attachments 3 and 4)** related to the hazardous substance removal as attachments to this letter.

Next Step

We understand that USEPA has requested that an additional round of groundwater sampling and analysis be conducted at the property. We will repeat the total and dissolved metals analysis conducted for the last June 4, 2009 groundwater sampling event at MW-1, MW-2, MW-3, MW-4, and the off-site upgradient well. The analyte list is provided **in Attachment 5**. Water level readings will also be measured. Analysis will be conducted by Test America Labs using Method 6010B per the Project QAPP.

Please contact me should you have any questions or comments on this transmittal.

Sincerely,
Deigan & Associates, LLC

Gary J. Deigan
Principal

Enclosures
Attachments 1-5

cc: K. Biegay, Norstates Bank

Attachments

Former Lake Shore Foundry
653 S. Market St., Waukegan, Lake County, Illinois

Attachment 1

Foreclosure Notice

Former Lake Shore Foundry
653 S. Market St., Waukegan, Lake County, Illinois

Lakeshore Foundry
Foreclosure SALE

IN THE CIRCUIT COURT FOR THE NINETEENTH JUDICIAL CIRCUIT, LAKE COUNT ILLINOIS

MAY 18

NORSTATES BANK, Plaintiff,

-v.-

CHICAGO TITLE LAND TRUST COMPANY, not individually but solely as Successor Trustee of Trust Number 337, et al., Defendants,

08 CH 2822

NOTICE OF SALE

PUBLIC NOTICE IS HEREBY GIVEN that pursuant to a Judgment of Foreclosure and Sale entered in the above cause on December 10, 2008, an agent of the Sheriff of Lake County, Illinois will at 9:00 AM on May 18, 2009, at the Lake County Sheriff's Office, 25 S. Martin Luther King Ave., WAUKEGAN, IL 60085, sell at public auction to the highest bidder, as set forth below, the following described real estate:

PARCEL 1: THAT PART OF THE SOUTH EAST ¼ OF SECTION 28, TOWNSHIP 45 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:: COMMENCING AT A POINT ON THE EAST LINE OF MARKET STREET EXTENDED SOUTHERLY, 462 FEET SOUTH OF THE NORTH LINE OF THE SOUTH EAST ¼ OF SAID SECTION 28; THENCE EASTERLY PARALLEL WITH THE NORTH LINE OF SAID SOUTH EAST ¼ ALONG THE NORTH LINE OF A 30 FOOT WIDE STREET (COMMONLY KNOWN AS CUMMING AVENUE) 274.50 FEET TO A POINT 55.00 FEET EAST OF THE CENTER LINE OF THE ELGIN, JOLIET AND EASTERN RAILWAY COMPANY'S MAIN TRACK TO THE POINT OF BEGINNING; THENCE NORTHERLY PARALLEL TO SAID CENTER LINE OF MAIN TRACK, ALONG A LINE FORMING AN ANGLE OF 90 DEGREES 10 MINUTES 20 SECONDS TO THE LEFT OF A PROLONGATION OF THE LAST DESCRIBED COURSE, 175.00 FEET; THENCE EASTERLY PARALLEL TO THE NORTH LINE OF SAID SOUTH EAST 1/4., 111 FEET, MORE OR LESS, TO THE EXISTING SHORELINE OF LAKE MICHIGAN; THENCE SOUTHERLY ALONG SAID EXISTING SHORELINE TO A POINT 462.00 FEET SOUTH OF THE NORTH LINE OF SAID SOUTH EAST ¼ AS MEASURED PARALLEL TO THE EAST LINE OF MARKET STREET; THENCE WESTERLY PARALLEL TO THE NORTH LINE OF SAID SOUTH EAST ¼ 133 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, IN LAKE COUNTY, ILLINOIS.

PARCEL 2: THAT PART OF THE SOUTH EAST ¼ OF SECTION 28, TOWNSHIP 45 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:: COMMENCING AT A POINT ON THE EAST LINE OF MARKET STREET, EXTENDED SOUTHERLY 462 FEET SOUTH OF THE NORTH LINE OF THE SOUTH EAST ¼ OF SAID SECTION 28; THENCE EASTERLY PARALLEL WITH THE NORTH LINE OF SAID SOUTH EAST ¼ ALONE THE NORTH LINE OF A 30 FOOT WIDE STREET (COMMONLY KNOWN AS CUMMINGS AVENUE) 274.50 FEET TO A POINT 55.00 FEET EAST OF THE CENTERLINE OF THE ELGIN, JOLIET AND EASTERN RAILWAY COMPANY'S MAIN TRACK; THENCE NORTHERLY PARALLEL TO SAID CENTER LINE OF MAIN TRACK, ALONE A LINE FORMING AN ANGLE OF 90 DEGREES 19 MINUTES 20 SECONDS RECORDED (89 DEGREES 40 MINUTES 40 SECONDS MEASURED) TO THE LEFT OF A PROLONGATION OF THE LAST DESCRIBED COURSE, 175.00 FEET; THENCE WESTERLY, PARALLEL TO THE NORTH LINE OF SAID SOUTH EAST ¼ 1.65 FEET TO A POINT 50.00 FEET PERPENDICULARLY

NORSTATES BANK Fax:1-847-244-6609 May 5 2009 12:05 P.02

DISTANT FROM THE CENTER LINE OF THE ELGIN, JOLIET AND EASTER RAILWAY LEAD TRACK FOR THE POINT OF BEGINNING; THENCE DEFLECTING TO THE RIGHT 98 DEGREES 25 MINUTES 15 SECONDS ALONG A LINE PARALLEL WITH THE CENTER LINE OF SAID LEAD TRACK 101.01 FEET TO A POINT 187.00 FEET SOUTH OF SAID NORTH LINE OF SAID SOUTH EAST ¼ (AS MEASURED ALONG THE EAST LINE OF MARKET STREET); THENCE DEFLECTING TO THE RIGHT 81 DEGREES 34 MINUTES 45 SECONDS ALONG A LINE PARALLEL WITH SAID NORTH LINE OF SAID SOUTH EAST ¼ 130 FEET, MORE OR LESS, TO THE SHORE LINE OF LAKE MICHIGAN; THENCE SOUTHERLY ALONG SAID SHORE LINE TO A POINT 287.00 FEET SOUTH OF SAID NORTH LINE OF SAID SOUTH EAST ¼ (AS MEASURED ALONG A LINE PARALLEL WITH SAID EAST LINE OF MARKET STREET); THENCE WESTERLY PARALLEL TO THE NORTH LINE OF SAID SOUTH EAST ¼, 112 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, IN LAKE COUNTY, ILLINOIS RECORDED AS DOCUMENT 6205805. Commonly known as 653 Market Street, Waukegan, IL 60085 Permanent Index No.: 08-28-400-046 The real estate is improved with a foundry.
LOT 2 IN FARNSWORTH SUBDIVISION, BEING A RESUBDIVISION OF THAT PART OF LOTS 57 AND 58, FALLING IN THE EAST 656 FEET OF THE WEST ½ OF THE NORTHEAST ¼ OF SECTION 21, TOWNSHIP 45 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN THE EDWARD'S SUBDIVISION OF PART OF SECTION 21, TOWNSHIP 45 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT OF SAID FARNSWORTH SUBDIVISION, RECORDED SEPTEMBER 1, 1977 AS DOCUMENT 1862886 IN BOOK 59 OF PLATES PAGE 42, IN LAKE COUNTY, ILLINOIS RECORDED AS DOCUMENT 6205804. Commonly known as 22346 W. Merriwood Lane, Round Lake, IL 60073 Permanent Index No.: 06-21-204-032 The real estate is improved with a single family residence.
The judgment amount was $441,368.71.
Sale terms: 25% down of the highest bid by certified funds at the close of the auction; the balance, in certified funds, is due within twenty-four (24) hours. The subject properties are subject to general real estate taxes, special assessments, or special taxes levied against such real estate and is offered for sale without any representation as to quality or quantity of title and without recourse to Plaintiff and in "AS IS" condition. The sale is further subject to confirmation by the court.
If the sale is set aside for any reason, the Purchaser at the sale shall be entitled only to a return of the deposit paid. The Purchase shall have no further recourse against the Mortgagor, the Mortgagee or the Mortgagee's attorney.
Upon payment in full of the amount bid, the purchaser will receive a Certificate of Sale that will entitled the purchaser to a deed to the real estate after confirmation of the sale.
The property will NOT be open for inspection and plaintiff makes no representation as to the condition of the property. Prospective bidders are admonished to check the court file to verify all information.
If this property is a condominium unit, the purchaser of the unit at the foreclosure sale, other than a mortgagee shall pay the assessments and the legal fees required by The Condominium Property Act, 765 ILCS 605/9(g)(1) and (g)(4).
IF YOU ARE THE MORTGAGOR (HOMEOWNER), YOU HAVE THE RIGHT TO REMAIN IN POSSESSION FOR 30 DAYS AFTER ENTRY OF ANY ORDER OF POSSESSION, IN

NORSTATES BANK Fax:1-847-244-6609 May 5 2009 12:06 P.03

ACCORDANCE WITH SECTION 15-1701(C) OF THE ILLINOIS MORTGAGE FORECLOSURE LAW.

For information, contact Plaintiff's attorney, Michael R. Mulcahy, Vedder Price P.C., 222 N. LaSalle Street, Suite 2600, Chicago, IL 60601 (312) 609-7500

NOTE: Pursuant to the Fair Debt Collection Practices Act, you are advised that Plaintiff's attorney is deemed to be a debt collection and any information obtained will be used for that purpose.

NORSTATES BANK Fax:1-847-244-6609 May 5 2009 12:06 P.04

Attachment 2

September 14, 2009 E-mail

Former Lake Shore Foundry
653 S. Market St., Waukegan, Lake County, Illinois

Gary Deigan

From: Groboski.Jill@epamail.epa.gov
Sent: Monday, September 14, 2009 8:43 AM
To: Gary Deigan
Subject: RE: Lakeshore Foundry, Waukegan-- June 2009 Groundwater Data

Gary,

Here is a brief summary of the issues we have identified:

1. MW-2 is still showing hits of some metals. Considering the upgradient wells (background wells) do not show constituents above background, this may indicate a source on site. If that is the case, the source must be delineated and/or further monitoring must be performed.
2. I need to look into this further, but since IL does not allow dilution for Lake Michigan, the 750 does not pass with a "Yes". I'm not sure what this means for the corrective action of LSF - it could mean further monitoring and/or a CMP. My supervisor is gone this week for vacation and I'd like to talk this over with him to find out what we've done in similar situations.

In summary, we will more than likely require additonal groundwater monitoring. I will get back with you with our complete response in writing by the end of the week. Again, I apologize for the delay in response.

Jill
Jill Groboski
Project Manager
RCRA Corrective Action Section
(312) 886-3890

-----"Gary Deigan" <gdeigan@deiganassociates.com> wrote: -----

To: Jill Groboski/R5/USEPA/US@EPA
From: "Gary Deigan" <gdeigan@deiganassociates.com>
Date: 09/10/2009 11:19AM
Subject: RE: Lakeshore Foundry, Waukegan-- June 2009 Groundwater Data

Hi Jill,

Status?

Please make a note of our new office location and phone numbers
Gary J. Deigan
Deigan & Associates, LLC
Environmental Consultants
1801 Sheridan Rd., Suite 103
North Chicago, Illinois 60064
847-578-5000 Office
847-578-5010 Fax
847-404-9356 Cell
www.deiganassociates.com

-----Original Message-----
From: Groboski.Jill@epamail.epa.gov [mailto:Groboski.Jill@epamail.epa.gov]

Sent: Friday, August 07, 2009 8:57 AM
To: Gary Deigan
Subject: RE: Lakeshore Foundry, Waukegan-- June 2009 Groundwater Data

Just to let you know, our ecologist went on vacation, but assured me she will provide me with her comments when she returns - which I believe won't be until I think around Aug. 17. I will send comments to you at that time - I am sorry for the delay.

Jill

Jill Groboski
Project Manager
RCRA Corrective Action Section
(312) 886-3890

"Gary Deigan"
<gdeigan@deiganassociates.com>

07/17/2009 08:38 AM

To: Jill Groboski/R5/USEPA/US@EPA
cc: <tbosko@deiganassociates.com>

Subject: RE: Lakeshore Foundry, Waukegan-- June 2009 Groundwater Data

Thanks, Jill. USEPA may also want to consider the following new guidance as
it reviews this low concentration copper water quality issue.

_____

In February 2007, USEPA proposed updated guidance for establishing water quality standards for protection of aquatic life in ambient freshwater from
acute and chronic toxic effects from copper (Aquatic Life Ambient Freshwater
Quality Criteria - Copper, 2007 Revision, EPA-822-R-07-001). The guidance
incorporates new data on the toxicity of copper and uses the biotic ligand
model (BLM), a metal bioavailability model, to update the freshwater criteria. The BLM accounts for all important inorganic and organic ligand
interactions of copper while also considering competitive interactions that

influence binding of copper at the site of toxicity, or the "biotic ligand."
The BLM's ability to incorporate metal speciation reactions and organism interactions allows prediction of metal effect levels to a variety of organisms over a wide range of water quality conditions. The BLM is used in
place of the hardness-based approach.

Please make a note of our new office location and phone numbers

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-----Original Message-----
From: Groboski.Jill@epamail.epa.gov
[mailto:Groboski.Jill@epamail.epa.gov]
Sent: Thursday, July 16, 2009 2:20 PM
To: Gary Deigan
Subject: RE: Lakeshore Foundry, Waukegan-- June 2009 Groundwater Data

Sorry about the delay. I would like to talk with our eco risk assessor about the use of GLI and dilution.

I can tell you preliminarily that it looks like MW-2 still has some issues particularly with copper. I have talked with our geologist about this and although we will probably be able to fill out the 750 (depending on what our ecologist says), we may still require a corrective measure of monitoring for 1 more year and then see if levels remain stable. Let's talk more once I get our Eco RA's comments.

Jill

Jill Groboski
Project Manager
RCRA Corrective Action Section
(312) 886-3890

"Gary Deigan"
<gdeigan@deigana
ssociates.com>

07/16/2009 02:07 PM — To: Jill Groboski/R5/USEPA/US@EPA — cc

Subject
RE: Lakeshore Foundry, Waukegan--
June 2009 Groundwater Data

Hi Jill,
Checking in with you on LSF, Waukegan review status? Thanks.

_____
Please make a note of our new office location and phone numbers

Gary J. Deigan
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North Chicago, Illinois 60064
847-578-5000 Office
847-578-5010 Fax
847-404-9356 Cell
www.deiganassociates.com

-----Original Message-----
From: Groboski.Jill@epamail.epa.gov
[mailto:Groboski.Jill@epamail.epa.gov]
Sent: Tuesday, June 23, 2009 10:22 AM
To: Gary Deigan
Subject: Re: Lakeshore Foundry, Waukegan-- June 2009 Groundwater Data

Disregard.

Yesterday I opened it up at home and just didn't scroll up!!! Sorry. I will take a look at the data and get back to you.

Jill

Jill Groboski
Project Manager
RCRA Corrective Action Section
(312) 886-3890

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1204 / Virus Database: 1435/3457 - Release Date: 02/21/11

Attachment 3

Photos of Demolition Work

Former Lake Shore Foundry
653 S. Market St., Waukegan, Lake County, Illinois

Photo 1 – Staging of petroleum/chemical containers awaiting decanting/removal prior to demolition

Photo 2 – Staging of petroleum containers awaiting decanting/removal prior to demolition

Photo 3 – Typical interior sand core and foundry sand pile removed/disposed prior to demolition

Photo 4 – Hazmat contractor vacuum truck removing foundry sand/dust residues for disposal prior to demolition

Photo 5 – Hazmat contractor removing interior foundry sand via vacuum methods

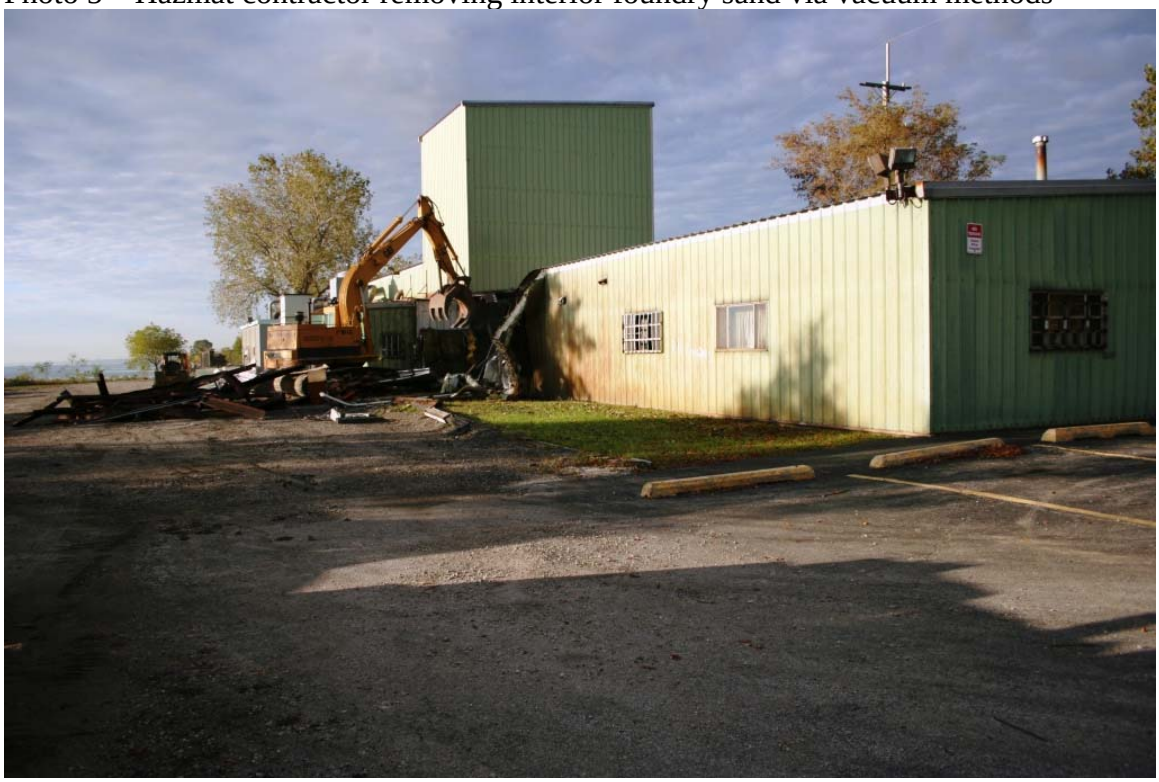

Photo 6 – Looking south at demolition of northeast side of Foundry building

Photo 7 – Looking southwest at demolition of northeast side of Foundry building

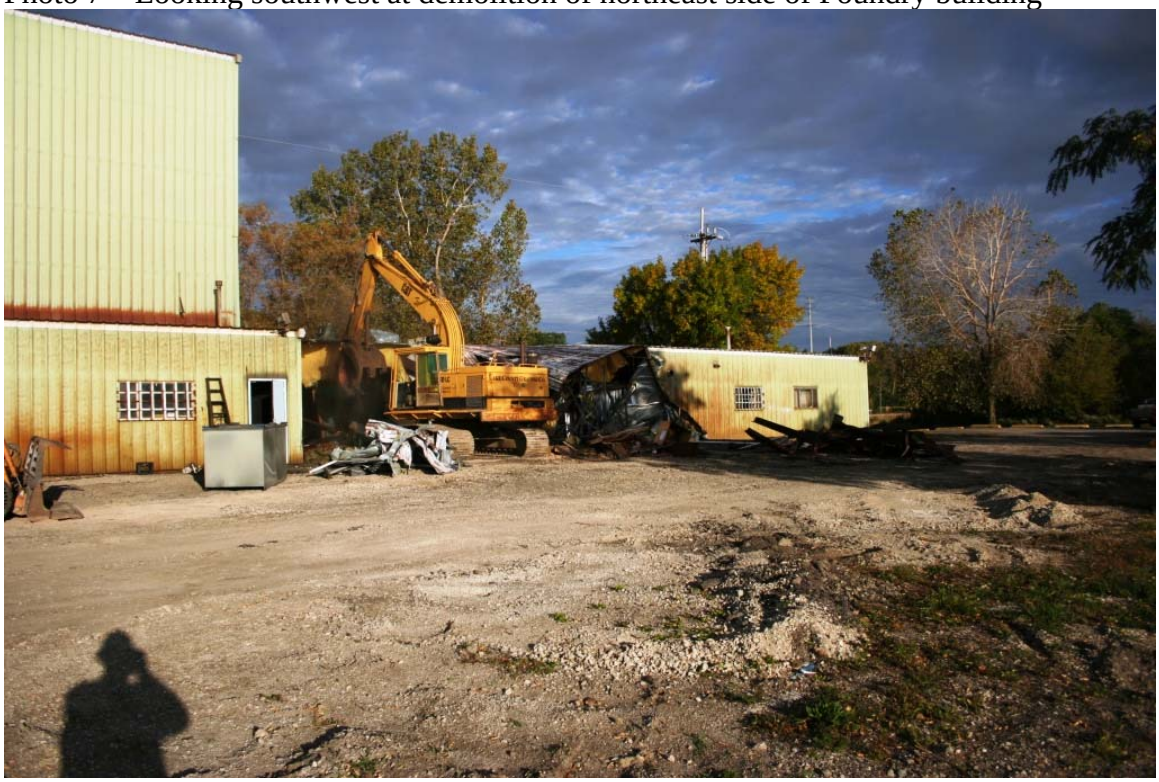

Photo 8 – Looking west-northwest at demolition of north Foundry building

Photo 9 – Looking south at concrete floor slab beneath demolished north building

Photo 10 – Continuing demolition of north building and recycling of building materials

Photo 11 – Separation and sorting of building material for recycling

Photo 12 – Removal of foundry equipment for recycling/salvage

Photo 13 – Loading truck with building material for recycling

Photo 14– Partial demolition of southeast wall for access to foundry equipment

Attachment 4

Disposal Manifests for Hazardous Substance and Petroleum Removal

Former Lake Shore Foundry
653 S. Market St., Waukegan, Lake County, Illinois

VEOLIA
ENVIRONMENTAL SERVICES

CERTIFIED NON-SPECIAL WASTE MANIFEST

No. 131523

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: [illegible]
b. Generating Location: [illegible]
c. Address: [illegible]
d. Address: [illegible] IL [illegible]
e. Phone No.:
f. Phone No.: 847 464 9356

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Owner's Phone No.:
i. Waste Profile No.: 002855
j. Description of Waste: Sand Cores

	Quantity	Units	TYPE
k. Quantity — Ld 1	15	Y	
Quantity — Ld 2			
Quantity — Ld 3			
Quantity — Ld 4			

TYPE
D - DRUM
T - TRUCK
O - OTHER
UNITS
Y - YARDS
O - OTHER

TOTAL VOLUME

*GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Gary J. [illegible] — Generator Authorized Agent Name
[signature] — Signature
~~081716~~ — Shipment Date 08/18/10

Section II — TRANSPORTER (Generator completes a-d; Transporter I complete c-g, Transporter II complete h-n)

TRANSPORTER I

a. Name: VEOLIA ES
b. Address: 2230 Elvis Krupa Cir [illegible]
c. Driver Name/Title: [illegible]
d. Phone No.: 623-3[illegible] PRINT/TYPE e. Truck No.: 20[illegible]
f. Vehicle License No./State: [illegible]

Acknowledgement of Receipt of Materials.

g. [signature] — Driver Signature
08/18/10 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.: PRINT/TYPE l. Truck No.:
m. Vehicle License No./State:

Acknowledgement of Receipt of Materials.

n. — Driver Signature
Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f)

a. Site Name: Veolia ES Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099
c. Phone No.: 847-623-3870
d. Mailing Address: SAME
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. — Name of Authorized Agent
Signature
Receipt Date

* Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WHITE - Destination Retain CANARY - Return to Generator PINK - Transporter Retain GOLD - Generator Retain

VEOLIA
ENVIRONMENTAL SERVICES

CERTIFIED NON-SPECIAL WASTE MANIFEST

No. 140397

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Lake Side Trucking
b. Generating Location: 665 E Main St
c. Address: C/o Dean & Associates Inc
West Shoreline Rd Suite 2
Huntley IL 60142
d. Address: Same
e. Phone No.:
f. Phone No.: 847-669-9647

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: Same
h. Owner's Phone No.:
i. Waste Profile No.: 002355
j. Description of Waste: Sand Cores

	Quantity	Units	TYPE
k. Quantity — Ld 1	15	Y	
Quantity — Ld 2			
Quantity — Ld 3			
Quantity — Ld 4			

TYPE: D - DRUM; T - TRUCK; O - OTHER
UNITS: Y - YARDS; O - OTHER

*GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

TOTAL VOLUME

Great Dane
Generator Authorized Agent Name
Signature
Shipment Date 08/17/10

Section II — TRANSPORTER (Generator completes a-d; Transporter I complete c-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Great Dane
b. Address: Round Lake IL
c. Driver Name/Title:
d. Phone No.: PRINT/TYPE e. Truck No.: 151
f. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
g. Driver Signature
Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.: PRINT/TYPE l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature
Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f)

a. Site Name: Veolia ES Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099
c. Phone No.: 847-623-3870
d. Mailing Address: SAME
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent
Signature
Receipt Date

* Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WHITE - Destination Retain
CANARY - Return to Generator
PINK - Transporter Retain
GOLD - Generator Retain

VEOLIA
ENVIRONMENTAL
SERVICES
701 Green Bay Road
Zion, IL 60099
Return Service Requested

Veolia ES Zion Landfill, Inc.
www.billonline.com/veoliaes
847-623-3870

INVOICE

Date 08-25-10

ACCOUNT NO	INVOICE NO
T1000504-1	T10000020269
INVOICE TOTAL	**BALANCE DUE**
$437.77	**$437.77**

Pay by Web: www.billonline.com/veoliaes
Web Pin #: 0549
Site #: 0000

DEIGAN & ASSOCIATES, LLC
1801 SHERIDAN RD
NORTH CHICAGO, IL 60064-2237

DUE DATE 09-14-10

If payment is not received within 30 days of invoice date you may be assessed a service charge of at least $5.95 or 1.5% of the unpaid balance.

(QESP)30:T029:011391:001:1000:00000: IN-T1082510.TXT

DATE	CODE	DESCRIPTION	REFERENCE	QTY	AMOUNT
		Balance forward			
	(0001)	LAKE SHORE FOUNDRY/N002855			
		#:N002855			
		653 MARKET ST, WAUKGEAN, IL 60085			
08-17-10	N1	Sand Foundry NEX1 - External	709980 0 TN	9.81	$197.67
08-18-10	N1	Sand Foundry NEX1 - External	710202 0 TN	10.75	$216.61
		**Site Total			$414.28
		Fuel Surcharge		.00	$23.49
		---------- Material Summary			

		Sand Foundry NEX1 - External		20.56	$414.28
		Invoice Total			$437.77

CURRENT	30 DAYS	60 DAYS	90 DAYS	BALANCE DUE
$437.77	$0.00	$0.00	$0.00	**$437.77**

Please return this portion with your payment. Thank you!

Any correspondence should be sent directly to the Veolia servicing address at the top of this invoice.

DUE DATE 09-14-10

IF PAYING BY CREDIT CARD, FILL OUT BELOW.		CHECK CARD USING FOR PAYMENT
CARD NUMBER	AMOUNT PAID	☐ VISA ☐ MASTER CARD ☐ AMERICAN EXP.
SIGNATURE	EXP. DATE	

ACCOUNT #	INVOICE #	AMT. ENCLOSED
T1000504-1	T10000020269	
INVOICE TOTAL	BALANCE DUE	
$437.77	$437.77	

DEIGAN & ASSOCIATES, LLC
1801 SHERIDAN RD
NORTH CHICAGO, IL 60064-2237

Remit Payment To:
(Please do not send CASH via mail)

Veolia ES Zion Landfill, Inc. T1
PO Box 6484
Carol Stream, IL 60197-6484

2901 0005041 0000 082510 00000202697 00043777 00043777 1

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Manifest Tracking Number: 006605818 JJK

5. Generator's Name and Mailing Address: Lakeshore Foundry, 653 S. Market St. Waukegan IL 60085

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: RS Used Oil Services, Inc

U.S. EPA ID Number: ILR000131961

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: RS USED OIL SERVICES, 2500 WESTWARD DR, SPRING GROVE, IL 60081

U.S. EPA ID Number: ILR000131961

Facility's Phone: 815-675-1272

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Used Oil, Not Hazardous by DOT		TT	172	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

TICKET WO# 1321492 TRANSPORTER# UPW0758189-IL IL ID# 1110605031

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Mike Grollo

Signature: X [signature]

Month 08 Day 24 Year 10

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Josh Taylor

Signature: [signature]

Month 08 Day 24 Year 10

Transporter 2 Printed/Typed Name

Signature

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700–22) and, if necessary, the continuation sheet (EPA Form 8700–22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ___

Enter the total number of pages used to complete this Manifest (*i.e.*, the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.--TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and *do not* enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.--UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0971905260
2. Page 1 of: 1
3. Emergency Response Phone: 800-842-9792
4. Manifest Tracking Number: 007854126 JJK

GENERATOR

5. Generator's Name and Mailing Address
Lake Shore Foundry
653 S. Market St.
Waukegan, IL 60085
Generator's Phone: (847) 578-5000

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Waste Carriers, Inc.
U.S. EPA ID Number: WI0000815381

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Advanced Waste Services - Chemworks
3801L West McKinley Ave
Milwaukee, WI 53208
Facility's Phone: 414-342-1852
U.S. EPA ID Number: WIR000136672

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not DOT Regulated, Non Hazardous Liquid Liquids	001	TT	850	G	NONE
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile #1: 1003158-0-8-1-CW
Trailer # 509
Emergency Response Guide On-board
Site arrival time 11:20am
Site departure time 12:10pm
www.advancedwasteservices.com

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: GARY DEIGAN
Signature
Month 9 Day 14 Year 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Transporter signature (for exports only):
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Adam Gever
Signature
Month 9 Day 14 Year 10
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
1
18b. Alternate Facility (or Generator)
Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: MARK KLIN
Signature
Month 09 Day 14 Year 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700–22) and, if necessary, the continuation sheet (EPA Form 8700–22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ___

Enter the total number of pages used to complete this Manifest (*i.e.*, the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.--TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and *do not* enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.--UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" *in the signature* block or may hand write this statement in the signature block *prior* to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.

Payment Document

1126 South 70th Street
Suite N408B
West Allis, WI 53214
www.advancedwasteservices.com
(414) 475-3100
Fax: (414) 475-4496

Date	9/14/2010
Invoice #	148622
Due Date	Upon receipt
PO #	
Results Advisor	Brushwood, J
Phone Number	(847) 362-9356
Fax Number	(847) 362-0459
Memo	

Bill To

Gary Deigan
Deigan & Associates, LLC
1801 Sheridan Rd.
Suite 103
North Chicago IL 60064
United States

Generator	Date	Document #	Description	Quantity	Unit	Price	Amount
Lake Shore Foundry	9/14/2010	007854126	Disposal 1003156-O Ethyl Glycol & Water	850	Gallons	0.23	195.50
Lake Shore Foundry	9/14/2010	007854126	Transportation	1	Load	470.00	470.00
Lake Shore Foundry			Fuel Surcharge	1	Load	105.75	105.75

Total $771.25

LAKESHORE FOUNDRY

Have You Heard About AWS E-Doc's?

AWS can now send your Payment Document and Supporting Manifests electronically, right to your Inbox.

- Reduce Your Paper Work Burden
- Save Time Opening Mail and Routing Documents
- Reduce Waste and Your Carbon Footprint
Call 1-800-842-9792 Today to join the AWS E-Doc's Club!

This Payment Document may reflect an increase in the fuel surcharge that is necessary to help us manage the recent increase in the market price for diesel fuel.

Contact Advanced Waste Services at 800-842-9792 within 30 days of the invoice date for any and all billing discrepancies.

Transforming Today's Wastes Into Tomorrow's Resources!

We accept American Express, Mastercard, Visa and Diner's Club

CONTRACT
From: Sep 08, 2010 To: Sep 08, 2010
Specified Contract: 003584

Lake Shore Foundry

Facility: All Facilities | DETAILED REPORT | Report Contents: Inbound And Outbound

Reference	Date In	Ticket Number	Material Description	Time In	Vehicle	Disposal Vol.	Disposal Qty.	Org.	Weight In
653100	8 Sep 2010	713700	C-Soil EX1 - Externa	12:40 pm	T2 2005-20	15.00	8.68	LC	58,620.00
653100	8 Sep 2010	713738	C-Soil EX1 - Externa	2:03 pm		15.00	12.17	LC	65,600.00
Vehicle Total (2)						30.00	20.85		
Contract Total (2)						30.00	20.85		
Report Total (2)						30.00	20.85		

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0971905260
2. Page 1 of: 1
3. Emergency Response Phone:
4. Waste Tracking Number: 053-100

GENERATOR

5. Generator's Name and Mailing Address:
Lake Shore Foundry
653 S. Market St.
Waukegan, IL 60085

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: Veolia ES. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Zion Landfill
701 Green Bay Rd
Zion, IL 60099
U.S. EPA ID Number: 097802 0002

Facility's Phone: (847) 599-5905

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. Soils Contaminated with Metals		001	CM	15 T
	2. " "			1 CM	15 T
	3. " "				
	4.				

13. Special Handling Instructions and Additional Information:
Profile # SZL003584

14. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month: 09 — Day: 08 — Year: 10

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Transporter signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month: 09 — Day: 21 — Year: 10

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 09 — Day: 23 — Year: 10

3-DESIGNATED FACILITY TO GENERATOR

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 713700ZL
8 September 2010 12:40 pm
8 September 2010 12:40 pm
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE
Contract: 003584
Reference: 653100

377890 0000 0.00
Inbound - DISPOSAL CHARGE
LAKE COUNTY

Gross Weight 58,620.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 17,360.00 lb 8.68 TN

Quantity	Unit	Description	Rate	Total
8.68	TN	X7 [LC] C-Soil EX1 - External		

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 713738ZL
8 September 2010 2:03 pm
8 September 2010 2:03 pm
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE
Contract: 003584
Reference: 653100

377888 0000 0.00
Inbound - DISPOSAL CHARGE
LAKE COUNTY

Gross Weight 65,600.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 24,340.00 lb 12.17 TN

Quantity	Unit	Description	Rate	Total
12.17	TN	X7 [LC] C-Soil EX1 - External		

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

Lake Shore Foundry

From: Sep 09, 2010 To: Sep 09, 2010
Specified Contract: 003584

Facility All Facilities | DETAILED REPORT | Report Contents: Inbound And Outbound

Reference	Date In	Ticket Number	Material Description	Time In	Vehicle	Disposal Vol.	Disposal Qty	Org.	Weight In
653101	9 Sep 2010	713964	I/C C-Soil EX1	1:23 pm	T2 2005-20	15.00	12.74	LC	66,740.00
653-101	9 Sep 2010	714002	I/C C-Soil EX1	2:46 pm		15.00	9.58	LC	60,420.00
Vehicle Total (2)						30.00	22.32		
Contract Total (2)						30.00	22.32		
Report Total (2)						30.00	22.32		

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0971905260
2. Page 1 of: 1
3. Emergency Response Phone: 847-[illegible]
4. Waste Tracking Number: 553-101

5. Generator's Name and Mailing Address: Lake Shore Foundry, 653 S. Market St., Waukegan, IL 60085
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: Veolia E.S. #2005
U.S. EPA ID Number: 07116

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Zion Landfill, 701 Green Bay Rd., Zion, IL 60099
U.S. EPA ID Number: 0978020002
Facility's Phone: (847) 599-5905

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
	1. Soils Contaminated with Metals	1	CM	15	Y
	2. " "	1	CM	15	Y
	3.				
	4.				

13. Special Handling Instructions and Additional Information

Profile # SZL003584

14. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations, **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator's/Offeror's Printed/Typed Name: Gary Deigan
Signature: [signature]
Month: 9 Day: 10 Year: 10

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Armand S. Hall
Signature: [signature]
Month: 9 Day: 9 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [signature]
Signature: [signature]
Month: 9 Day: 9 Year: 10

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

3-DESIGNATED FACILITY TO GENERATOR

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 713964ZL
9 September 2010 1:23 pm
9 September 2010 1:23 pm
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE
Contract: 003584
Reference: 653101

378059 0000 0.00
Inbound - DISPOSAL CHARGE
LAKE COUNTY

00 Gross Weight 66,740.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 25,480.00 lb 12.74 TN

Quantity	Unit	Description	Rate	Total
12.74	TN	03 [LC] I/C C-Soil EX1		

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 714002ZL
9 September 2010 2:46 pm
9 September 2010 2:46 pm
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE
Contract: 003584
Reference: 653-101

378070 0000 0.00
Inbound - DISPOSAL CHARGE
LAKE COUNTY

00 Gross Weight 60,420.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 19,160.00 lb 9.58 TN

Quantity	Unit	Description	Rate	Total
9.58	TN	03 [LC] I/C C-Soil EX1		

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

CONTRACT
From: Sep 10, 2010 To: Sep 10, 2010
Specified Contract: 003584

Lake Shore Foundry

Facility: All Facilities | DETAILED REPORT | Report Contents: Inbound And Outbound

Reference	Date In	Ticket Number	Material Description	Time In	Vehicle	Disposal Vol.	Disposal Qty.	Org.	Weight In
653103	10 Sep 2010	714221	I/C C-Soil EX1	1:27 pm	T2 2005-20	20.00	8.71	LC	58,680.00
Vehicle Total (1)						20.00	8.71		
Contract Total (1)						20.00	8.71		
Report Total (1)						20.00	8.71		

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0971905260
2. Page 1 of: 1
3. Emergency Response Phone: 847-244-1-56
4. Waste Tracking Number: 6[illegible]107

GENERATOR

5. Generator's Name and Mailing Address: Lakeshore Foundry, 653 S. Market St., Waukegan, IL 60085
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: [illegible]
U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Landfill Zion, 701 Green Bay Rd, Zion IL 60099
U.S. EPA ID Number: 097 802 0002
Facility's Phone: (847) 599-5905

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Soils Contaminated with Metals	001	CM	15	4	
	2. " " " "	"	"	15	"	
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Profile # SZL003584

14. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator's/Offeror's Printed/Typed Name: [illegible] DEGAN
Signature:
Month: 9 Day: 10 Year: 10

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] S. Howe
Signature:
Month: 9 Day: 10 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible]
Signature:
Month: 9 Day: [illegible] Year: [illegible]

3-DESIGNATED FACILITY TO GENERATOR

VEOLIA ENVIRONMENTA SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 714221ZL
10 September 2010 1:27 pm
10 September 2010 1:27 pm
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE 378257 0000 0.00
Contract: 003584 Inbound - DISPOSAL CHARGE
Reference: 653103 LAKE COUNTY

Gross Weight 58,680.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 17,420.00 lb 8.71 TN

Quantity	Unit	Description	Rate	Total
8.71	TN	03 [LC] I/C C-Soil EX1		

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

From: Sep 11, 2010 To: Sep 11, 2010
Specified Contract: 003584

Lake Shore Foundry

Facility: All Facilities | DETAILED REPORT | Report Contents: Inbound And Outbound

Reference	Date In	Ticket Number	Material Description	Time In	Vehicle	Disposal Vol.	Disposal Qty.	Org.	Weight In
653104	11 Sep 2010	714298	I/C C-Soil EX1	6:48 am	T2 2005-20	20.00	12.91	LC	67,080.00
653104	11 Sep 2010	714318	I/C C-Soil EX1	8:21 am		20.00	12.28	LC	65,820.00
Vehicle Total (2)						40.00	25.19		
Contract Total (2)						40.00	25.19		
Report Total (2)						40.00	25.19		

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0971905260 | 2. Page 1 of: 1 | 3. Emergency Response Phone: 847-414-7356 | 4. Waste Tracking Number: 653-1114

5. Generator's Name and Mailing Address: Lake Shore Foundry, 653 S. Market St, Waukegan IL 60085
Generator's Site Address (if different than mailing address):
Generator's Phone:

6. Transporter 1 Company Name: Veolia E.S. | U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name: | U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Zion Landfill, 701 Green Bay Rd, Zion, IL 60099 | U.S. EPA ID Number: 097802000 2
Facility's Phone: (847) 599-5905

No.	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers: No.	10. Containers: Type	11. Total Quantity	12. Unit Wt./Vol.
1.		Soils Contaminated with Metals	001	CM	5	4
2.		" " " "	"	"	115	"
3.						
4.						

13. Special Handling Instructions and Additional Information
Profile # SZL003584

14. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator's/Offeror's Printed/Typed Name: GARY DEEGAN | Signature: [signature] | Month: 9 | Day: 11 | Year: 10

INT'L
15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. | Port of entry/exit: | Transporter signature (for exports only): | Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Arnold S. Hasan | Signature: [signature] | Month: 9 | Day: 11 | Year: 10

Transporter 2 Printed/Typed Name: | Signature: | Month: | Day: | Year:

DESIGNATED FACILITY
17. Discrepancy

17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month: | Day: | Year:

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: C. Hayes | Signature: [signature] | Month: 9 | Day: 11 | Year: 10

3-DESIGNATED FACILITY TO GENERATOR

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 714298ZL
11 September 2010 6:48 am
11 September 2010 6:48 am
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE 378258 0000 0.00
Contract: 003584 Inbound - DISPOSAL CHARGE
Reference: 653104 LAKE COUNTY

00 Gross Weight 67,080.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 25,820.00 lb 12.91 TN

Quantity	Unit	Description	Rate	Total
12.91	TN	03 [LC] I/C C-Soil EX1		

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: CHERYL -Scale
Ticket: 714318ZL
11 September 2010 8:21 am
11 September 2010 8:21 am
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE 378259 0000 0.00
Contract: 003584 Inbound - DISPOSAL CHARGE
Reference: 653104 LAKE COUNTY

00 Gross Weight 65,820.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 24,560.00 lb 12.28 TN

Quantity	Unit	Description	Rate	Total
12.28	TN	03 [LC] I/C C-Soil EX1		

Net Amount:
Tendered: 174
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE: _____

CONTRACT
From: Sep 13, 2010 To: Sep 13, 2010
Specified Contract: 003584

Lake Shore Foundry

Facility. All Facilities | DETAILED REPORT | Report Contents: Inbound And Outbound

Reference	Date In	Ticket Number	Material Description	Time In	Vehicle	Disposal Vol.	Disposal Qty.	Org.	Weight In
653-105	13 Sep 2010	714518	I/C C-Soil EX1	12:15 pm	T2 2005-20	10.00	10.15	LC	61,560.00
Vehicle Total (1)						10.00	10.15		
Contract Total (1)						10.00	10.15		
Report Total (1)						10.00	10.15		

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 097 1905260
2. Page 1 of: 1
3. Emergency Response Phone: 847-[illegible]
4. Waste Tracking Number: 653-105

GENERATOR

5. Generator's Name and Mailing Address: Lake Shore Foundry, 6535 Market St., Waukegan, IL 60085
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: Veolia ES #2105
U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Zion Landfill, 701 Green Bay Rd, Zion IL 60099
U.S. EPA ID Number: 0978020002
Facility's Phone: (847) 599-5905

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Soils Contaminated with Metals	001	CM	10	4	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
Profile # SZL003584

14. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations, **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator's/Officer's Printed/Typed Name: Greg Design
Signature: [signature]
Month: 9 Day: 13 Year: 10

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature: [signature]
Month: 9 Day: 13 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible]
Signature: [signature]
Month: 9 Day: 13 Year: 10

3-DESIGNATED FACILITY TO GENERATOR

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: PATTY-Scale
Ticket: 714518 [Reprint]
13 September 2010 12:15 am
13 September 2010 12:15 am

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE
Contract 003584

Vehicle: T2 2005-20 T2 2005

378504 0000 0.00
Inbound - DISPOSAL CHARGE

Reference: 653-105

LAKE COUNTY

Gross Weight	61,560.00	lb	
Stored Tare Weight	41,260.00	lb	
Net Weight	20,300.00	lb	10.15 TN

Quantity	Unit	Description		Rate	Total
10.15	TN	03 [LC]	I/C C-Soil EX1		

Net Amount
Tendered:
Change:

Thank you for your business !!

VEOLIA ENVIRONMENTAL SERVICES

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: PATTY-Scale
Ticket: 714516ZL
13 September 2010 12:15 pm
13 September 2010 12:15 pm
Vehicle: T2 2005-20 T2 2005

000050
VEOLIA ES - WAUKEGAN ROLL OFF
2230 ERNIE KRUEGER CIRCLE
Contract: 04 System 003584
Reference:

378504 0000 0.00
Inbound - DISPOSAL CHARGE
LAKE COUNTY

Gross Weight 61,560.00 lb
Stored Tare Weight 41,260.00 lb
Net Weight 20,300.00 lb 10.15 TN

Quantity	Unit	Description		Rate	Total
10.15	TN	01	IC Municipal Solid Waste		
			IC C-Soil EX1	$ 16.50	

Net Amount:
Tendered:
Change:

Thank you for your business !!

I hereby certify that this load does not contain any unauthorized waste

SIGNATURE:

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: I L R 0 0 0 1 1 1 5 8 1
2. Page 1 of: 1
3. Emergency Response Phone: 800 842 9792
4. Manifest Tracking Number: 007813960 JJK

5. Generator's Name and Mailing Address
Delgan & Associates
1801 Sheridan Road, Suite 103
North Chicago IL 60064
Generator's Phone: 847 578-5000

Generator's Site Address (if different than mailing address)
Lake Shore Foundry
653 S Market St
Waukegan IL 60085
Lake Shore Foundry

6. Transporter 1 Company Name: Advanced Waste Carriers, Inc.
U.S. EPA ID Number: W I 0 0 0 0 8 1 5 3 8 1

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Badger Disposal
5811 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760-9175
U.S. EPA ID Number: W I D 9 8 8 5 8 0 0 5 6

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN1789, Waste Hydrochloric Acid, 8, PGII (D002) ERG#157	001	AF	015	G	D002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
I)#1003324 Hydrochloric Acid

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: GARY DELGAN FOR LAKESHORE FOUNDRY
Signature:
Month: 10 Day: 6 Year: 10

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Lamb
Signature:
Month: 10 Day: 06 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700–22) and, if necessary, the continuation sheet (EPA Form 8700–22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ___

Enter the total number of pages used to complete this Manifest (*i.e.*, the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (*e.g.*, consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.--TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and *do not* enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.--UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.

Payment Document

1126 South 70th Street
Suite N408B
West Allis, WI 53214
www.advancedwasteservices.com
(414) 475-3100
Fax: (414) 475-4496

Date	10/6/2010
Invoice #	149904
Due Date	Upon receipt
PO #	
Results Advisor	Brushwood, J
Phone Number	(847) 362-9356
Fax Number	(847) 362-0459
Memo	

Bill To

Gary Deigan
Deigan & Associates, LLC
1801 Sheridan Rd.
Suite 103
North Chicago IL 60064
United States

Generator	Date	Document #	Description	Quantity	Unit	Price	Amount
Lake Shore Foundry	10/6/2010	007813960	Trans/Disp -Hydrochloric Acid	1	15 Gal. Dr...	400.00	400.00

Total $400.00

Have You Heard About AWS E-Doc's?

AWS can now send your Payment Document and Supporting Manifests electronically, right to your Inbox.
- Reduce Your Paper Work Burden
- Save Time Opening Mail and Routing Documents
- Reduce Waste and Your Carbon Footprint
Call 1-800-842-9792 Today to join the AWS E-Doc's Club!

This Payment Document may reflect an increase in the fuel surcharge that is necessary to help us manage the recent increase in the market price for diesel fuel.

Contact Advanced Waste Services at 800-842-9792 within 30 days of the invoice date for any and all billing discrepancies.

Transforming Today's Wastes Into Tomorrow's Resources!

We accept American Express, Mastercard, Visa and Diner's Club

Attachment 5

Groundwater Analytes

Former Lake Shore Foundry
653 S. Market St., Waukegan, Lake County, Illinois

Waukegan, IL

Customer	**Deigan & Associates**
Project	**Lake Shore Foundry, Waukegan**
Sample Date	**6/4/2009**
Lab Name	**TestAmerica Chicago**
Job Number	**500-19288-1**

Analytical Results for Water Samples

		*** Exposure Routes for Specific SROs**				Sample ID				
						pH				
		Ingestion	Inhalation	Class I	Class II	MW-1	MW-2	MW-3	MW-4	EXISTING AMSKY WELL
Method	**Analyte**	mg/L	mg/L	mg/L	mg/L	7.25	7.15	7.4	7.48	7.2
6010B	Antimony	NRO	NRO	0.006	0.024	<0.020	0.0049	<0.020	<0.020	<0.020
6010B	Arsenic	NRO	NRO	0.05	0.2	<0.010	<0.010	<0.010	0.0033	<0.010
6010B	Barium	NRO	NRO	2	2	0.096	0.074	0.046	0.089	0.068
6010B	Beryllium	NRO	NRO	0.004	0.5	<0.0040	<0.0040	<0.0040	<0.0040	0.00027
6010B	Cadmium	NRO	NRO	0.005	0.05	<0.0020	0.0037	<0.0020	<0.0020	<0.0020
6010B	Chromium	NRO	NRO	0.1	1	<0.010	<0.010	<0.010	<0.010	<0.010
6010B	Cobalt	NRO	NRO	1	1	<0.0050	0.0037	<0.0050	<0.0050	0.00097
6010B	Copper	NRO	NRO	0.65	0.65	<0.010	0.53	0.24	0.020	0.022
6010B	Lead	NRO	NRO	0.0075	0.1	0.0022	**0.012**	0.0037	0.0036	<0.0050
6010B	Nickel	NRO	NRO	0.1	2	<0.010	0.046	0.0099	<0.010	<0.010
6010B	Selenium	NRO	NRO	0.05	0.05	<0.010	0.014	<0.010	<0.010	<0.010
6010B	Silver	NRO	NRO	0.05	NRO	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6010B	Thallium	NRO	NRO	0.002	0.02	**0.0027**	<0.010	<0.010	<0.010	<0.010
6010B	*Tin*	NRO	NRO	4.2	NRO	<0.020	<0.020	<0.020	<0.020	<0.020
6010B	Vanadium	NRO	NRO	0.049	0.1	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6010B	Zinc	NRO	NRO	5	10	<0.020	1.2	0.13	0.017	0.018
6010B-Diss	Arsenic, Diss	NRO	NRO	NRO	NRO	<0.010	<0.010	<0.010	<0.010	<0.010
6010B-Diss	Barium, Diss	NRO	NRO	NRO	NRO	0.076	0.073	0.042	0.038	0.051
6010B-Diss	Beryllium, Diss	NRO	NRO	NRO	NRO	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
6010B-Diss	Cadmium, Diss	NRO	NRO	NRO	NRO	<0.0020	0.0037	<0.0020	<0.0020	<0.0020
6010B-Diss	Chromium, Diss	NRO	NRO	NRO	NRO	<0.010	<0.010	<0.010	<0.010	<0.010
6010B-Diss	Cobalt, Diss	NRO	NRO	NRO	NRO	<0.0050	0.0036	<0.0050	<0.0050	<0.0050
6010B-Diss	Copper, Diss	NRO	NRO	NRO	NRO	<0.010	0.48	0.22	0.0063	0.0071
6010B-Diss	Lead, Diss	NRO	NRO	NRO	NRO	<0.0050	0.0037	<0.0050	0.0026	0.0029
6010B-Diss	Nickel, Diss	NRO	NRO	NRO	NRO	<0.010	0.046	0.0092	<0.010	<0.010
6010B-Diss	Selenium, Diss	NRO	NRO	NRO	NRO	<0.010	0.013	<0.010	<0.010	<0.010
6010B-Diss	Silver, Diss	NRO	NRO	NRO	NRO	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6010B-Diss	*Tin, Diss*	NRO	NRO	NRO	NRO	<0.020	<0.020	<0.020	<0.020	<0.020
6010B-Diss	Vanadium, Diss	NRO	NRO	NRO	NRO	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6010B-Diss	Zinc, Diss	NRO	NRO	NRO	NRO	<0.020	1.2	0.12	<0.020	<0.020
6020	Antimony	NRO	NRO	0.006	0.024	<0.0020	0.0059	0.0021	0.0019	0.00016
6020	Thallium	NRO	NRO	0.002	0.02	<0.0020	0.00030	<0.0020	<0.0020	<0.0020
6020-Diss	Antimony, Diss	NRO	NRO	NRO	NRO	0.00020	0.0053	0.0020	0.0020	<0.0020
6020-Diss	Thallium, Diss	NRO	NRO	NRO	NRO	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
7470A	Mercury	NRO	NRO	0.002	0.01	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
7470A-Diss	Mercury, Diss	NRO	NRO	NRO	NRO	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table E.
All results are mg/L unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
NRO = (No Remediation Objective) was provided in the tables.
** The groundwater objective is equal to the Acceptable Detection Limit (ADL) for carcinogens.
NRO/NRO indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Non TACO analytes are italicized and limits are based on the Illinois EPA Toxicity Assessment Unit May 1, 2007.
Additional analytes may have been requested to be reported but are not contained in the
non-TACO or TACO Tier 1 tables and are not evaluated.
Estimated results that are reported between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
3&4-Methylphenol do not separate analytically on the 8270 columns and are reported as combined analytes.
Xylenes, Total is a calculated result in TALs by adding the m,p-Xylene and o-Xylene results.
Total PCB is a calculated result in TALs by adding the individual PCB aroclors.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

Gary Deigan

From: Gary Deigan [gdeigan@deiganassociates.com]
Sent: Friday, March 20, 2009 10:59 AM
To: 'Groboski.Jill@epamail.epa.gov'
Cc: 'tbosko@deiganassociates.com'
Subject: Lakeshore Foundry--3rd Round of Groundwater Data
Importance: High
Attachments: GW Detects Jun + Dec 2008 + Mar 09 Summary Table gli criteria r3 (2).pdf; copper zinc soil data.pdf; LSF Cu + Zn Data Mapping.pdf; J17450-1 Std_Tal_L2_SmpSort Final Report.pdf

Hi Jill,
As a follow-up to our teleconference on February 26, we conducted an additional round of groundwater sampling on March 5, 2009. The results of this March sampling are summarized on the attached Table and compared to IEPA Lake Michigan Basin Standards. The groundwater data continues to show improved water quality as a result of the completed soil removal remedy. Dissolved Copper (Cu) and Zinc (Zn) show improving but slight exceedances of the Lake Michigan Basin acute Standards at only 2 of the 4 wells on the property as illustrated on the enclosed map and table (MW-02 and MW-03). There are NO EXCEEDANCES of Lake Michigan Basin **chronic** standards in the March groundwater data.

To further assess the Cu and Zn, we also tabulated the soil data for total Cu and Zn in Table AA. Only 4 soil samples of the 65 soils samples tested across the site for total metals have Cu or Zn exceedances of the IEPA soil migration to groundwater (MGW) cleanup standard. These MGW cleanup objectives are soil pH-dependent as shown in Table AA. An important secondary component of the site remedy included backfilling the contaminated soil post-excavation area with high pH crushed limestone aggregate. This will continue to adjust the soil pH and reduce the leachability potential for any residual metals including Cu and Zn in soil, thus, resulting in the continued improvement in groundwater data since the remedy was completed.

Please look over this new information and contact me at your next opportunity for further comment.

Gary J. Deigan
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