

US EPA ARCHIVE DOCUMENT



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.

Ms. Groboski
USEPA, Region V
February 22, 2011

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



Deigan & Associates, LLC
Environmental Consultants

Attachments

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



Deigan & Associates, LLC
Environmental Consultants

Attachment 1

Foreclosure Notice

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

Lake County
Foreclosure SALE

IN THE CIRCUIT COURT FOR THE NINETEENTH JUDICIAL CIRCUIT, LAKE COUNTY
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 $\frac{1}{4}$ 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 $\frac{1}{4}$ OF SAID SECTION 28; THENCE EASTERLY PARALLEL WITH THE NORTH LINE OF SAID SOUTH EAST $\frac{1}{4}$ 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 $\frac{1}{4}$, 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 $\frac{1}{4}$ AS MEASURED PARALLEL TO THE EAST LINE OF MARKET STREET; THENCE WESTERLY PARALLEL TO THE NORTH LINE OF SAID SOUTH EAST $\frac{1}{4}$ 133 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, IN LAKE COUNTY, ILLINOIS.

PARCEL 2: THAT PART OF THE SOUTH EAST $\frac{1}{4}$ 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 $\frac{1}{4}$ OF SAID SECTION 28; THENCE EASTERLY PARALLEL WITH THE NORTH LINE OF SAID SOUTH EAST $\frac{1}{4}$ ALONG 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, ALONG 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 $\frac{1}{4}$ 1.65 FEET TO A POINT 50.00 FEET PERPENDICULARLY

CHICAGO#1929683.1

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 entitle 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

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.

CHICAGO#1929683.1

May 5 2009 12:06 P.04

Fax:1-847-244-6609

NORSTATES BANK



Deigan & Associates, LLC
Environmental Consultants

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 additional 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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www.deiganassociates.com

-----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@deiganassociates.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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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: 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



Deigan & Associates, LLC
Environmental Consultants

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

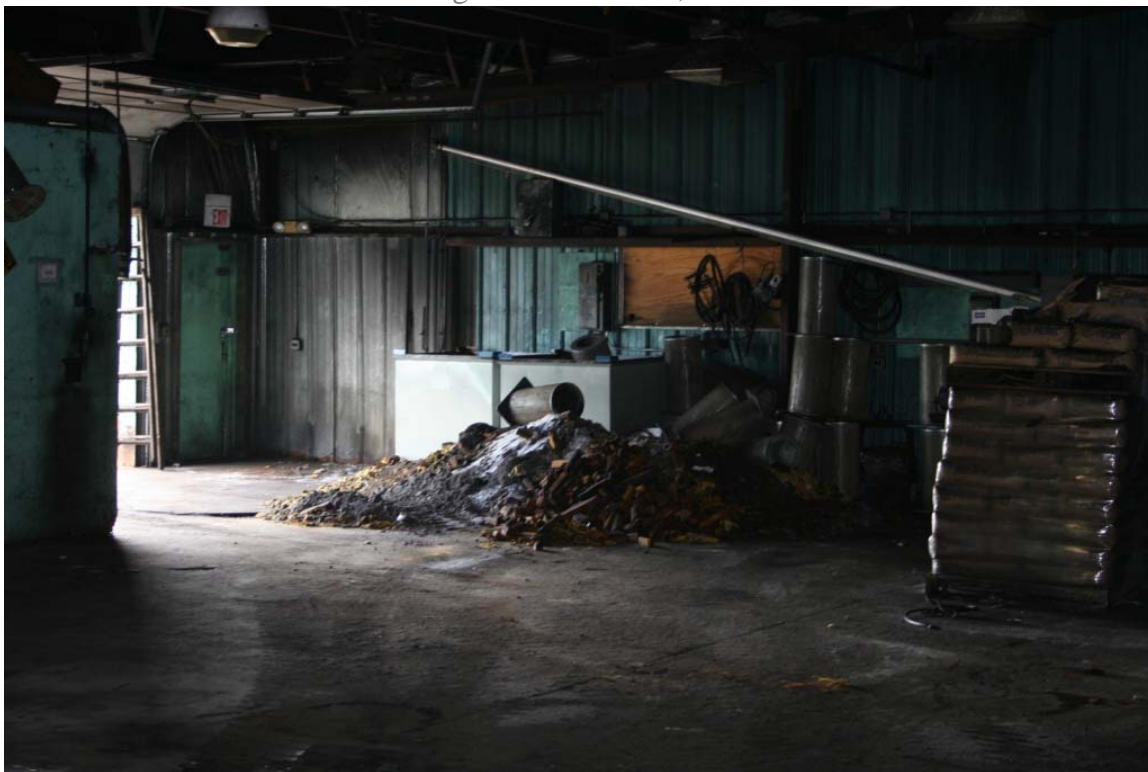


Photo 3 – Typical interior sand core and foundry sand pile removed/disposed prior to demolition



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



Deigan & Associates, LLC
Environmental Consultants

Attachment 4

Disposal Manifests for Hazardous Substance and Petroleum Removal

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

No. **131523**
Section I
GENERATOR (Generator completes all of Section I)

a. Generator Name: Lakeside Property

c. Address: 1000 S. Main St. LLC

e. Phone No.: _____

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: Small Cans

b. Generating Location: 1000 S. Main St.

d. Address: 1000 S. Main St. IL 60005

f. Phone No.: 847-764-9356

	Quantity	Units	TYPE
k. Quantity — Ld 1	<input type="text" value="1"/>	<input type="text" value="5"/>	<input type="text" value="Y"/>
Quantity — Ld 2	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
Quantity — Ld 3	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
Quantity — Ld 4	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

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

Generator Authorized Agent Name

Signature

Shipment Date

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 Elvira Highway

c. Driver Name/Title: David L. H.

d. Phone No.: 623-3870 PRINT/TYPE

e. Truck No.: 2000

f. Vehicle License No./State: IL

Acknowledgement of Receipt of Materials.

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.

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.

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.

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

No. 140397

Section I

GENERATOR (Generator completes all of Section I)

a. Generator Name: LAKEVIEW TOWN b. Generating Location: 663'S MARKET
c. Address: 100 DESSON & ASSOCIATES d. Address: 100 DESSON & ASSOCIATES
e. Phone No.: 847-441-1256 f. Phone No.: 847-441-1256
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: SAVE k. Quantity — Ld 1

Quantity	Units	TYPE
<input type="text"/>	<input type="text"/>	<input type="text"/>

h. Owner's Phone No.: SAVE Quantity — Ld 2

Quantity	Units	TYPE
<input type="text"/>	<input type="text"/>	<input type="text"/>

i. Waste Profile No.: 002855 Quantity — Ld 3

Quantity	Units	TYPE
<input type="text"/>	<input type="text"/>	<input type="text"/>

j. Description of Waste: SAND CONES Quantity — Ld 4

Quantity	Units	TYPE
<input type="text"/>	<input type="text"/>	<input type="text"/>

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

Generator Authorized Agent Name GARY J. DESSON Signature GARY J. DESSON Shipment Date 09/17/10

Section II

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

TRANSPORTER I

a. Name: GRIT DISPOSAL
b. Address: 100 DESSON & ASSOCIATES
c. Driver Name/Title: Ken Smith
d. Phone No.: 847-441-1256 e. Truck No.: 151
f. Vehicle License No./State: 842155 IL

Acknowledgement of Receipt of Materials.

g. Driver Signature GARY J. DESSON Shipment Date 09/17/10

TRANSPORTER II

h. Name: GRIT DISPOSAL
i. Address: 100 DESSON & ASSOCIATES
j. Driver Name/Title: Ken Smith
k. Phone No.: 847-441-1256 l. Truck No.: 151
m. Vehicle License No./State: 842155 IL

Acknowledgement of Receipt of Materials.

n. Driver Signature GARY J. DESSON Shipment Date 09/17/10

Section III

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

a. Site Name: Veolia ES Zion Landfill, Inc. c. Phone No.: 847-623-3870
b. Physical Address: 701 Green Bay Rd. d. Mailing Address: SAME
Zion, IL 60099
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 GARY J. DESSON Signature GARY J. DESSON Receipt Date 09/17/10

* 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



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 T1000504-1	INVOICE NO T10000020269
INVOICE TOTAL \$437.77	BALANCE DUE \$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.

PAGE 1 OF 1
(QESP)30:T029:011391:001:1000:00000: IN-T1082510.TXT

DATE	CODE	DESCRIPTION	REFERENCE	QTY	AMOUNT
	(0001)	Balance forward 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.

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

DUE DATE 09-14-10

IF PAYING BY CREDIT CARD, FILL OUT BELOW		CHECK CARD USING FOR PAYMENT	
CARD NUMBER	AMOUNT PAID	<input type="checkbox"/> VISA <input type="checkbox"/> MASTER CARD <input type="checkbox"/> AMERICAN EXP.	
SIGNATURE	EXP. DATE		

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

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

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



2901 0005041 0000 082510 00000202697 00043777 00043777 1

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		Generator's Site Address (if different than mailing address)				
Lakeshore Foundry 153 S. Market St. Generator's Phone: 1-800-851-1000		11. Kankakee, IL 60085				
6. Transporter 1 Company Name		RS Used Oil Services, Inc.			U.S. EPA ID Number ILR000131981	
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 ILR000131981	
Facility's Phone: 815-875-1272						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. Used Oil, Not Hazardous by DOT		TT	172	G	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
TICKET 13211/92 TRANSPORTER# UPW0758189-IL IL ID# 1110505031						
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		Signature		Month Day Year		
X Mike Smith		X [Signature]		06/21/10		
16. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		
Transporter signature (for exports only):		Port of entry/exit:		Date leaving U.S.:		
17. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name		Signature		Month Day Year
Josh Taylor		[Signature]		06/21/10		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
		[Signature]		06/21/10		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
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		Signature		Month Day Year		
		[Signature]		06/21/10		

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/Officer'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/officer 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.

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	
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 WI000136672				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Not DOT Regulated, Non Hazardous Liquid Liquids	No.	Type			
		001	TT	850	G	NONE
	2.					
	3.					
4.						
14. Special Handling Instructions and Additional Information Profile #1: 1003158-Q-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/Offor's Printed/Typed Name GARY DEIGAN		Signature [Signature]		Month Day Year 9 14 10		
16. International Shipments <input type="checkbox"/> Import to U.S. Transporter signature (for exports only): <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Adam Geyer		Signature [Signature]		Month Day Year 9 14 10		
Transporter 2 Printed/Typed Name		Signature [Signature]		Month Day Year 9 14 10		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
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 Signature Month Day Year						

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.

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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).

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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/Officer'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/officer 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.



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

Payment Document

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

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 - External	12:40 pm	T2 2005-20	15.00	8.68	LC	58,620.00
653100	8 Sep 2010	713738	C-Soil EX1 - External	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 217-701-1550	4. Waste Tracking Number 053-100		
		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)				
6. Transporter 1 Company Name Veeva ES		U.S. EPA ID Number 07116						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name and Site Address Veeva ES Z. on Landfill 701 Green Bay Rd Zion, IL 60099		U.S. EPA ID Number 0978020002						
Facility's Phone (847)599-5905								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
					No.	Type		
	1.	Soils Contaminated with Metals			001	CM	5	14
	2.	"			1	CM	5	14
	3.	"						
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 STACY L. LEAH				Signature <i>[Signature]</i>		Month Day Year 09 08 10		
TRANSPORTER INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	16. Transporter Acknowledgment of Receipt of Materials							
TRANSPORTER	Transporter 1 Printed/Typed Name ARMAND C. HARRIS				Signature <i>[Signature]</i>		Month Day Year 09 08 10	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	17. Discrepancy							
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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 A. Lypson				Signature <i>[Signature]</i>		Month Day Year 09 08 10		

3-DESIGNATED FACILITY TO GENERATOR

Zion Landfill
701 Green Bay Road
Zion, Illinois 60095

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: _____

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

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		

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0971905260		2. Page 1 of 1		3. Emergency Response Phone 847-414-1335		4. Waste Tracking Number 255-101		
		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)						
6. Transporter 1 Company Name Vesling E.S. #2005		U.S. EPA ID Number 07160								
7. Transporter 2 Company Name		U.S. EPA ID Number								
8. Designated Facility Name and Site Address Vesling ES Zion Landfill 701 Green Bay Rd. Zion, IL 60099		U.S. EPA ID Number 0978020002								
Facility's Phone (847) 599-5905										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
						No.	Type			
	1.	Sol. Is Contaminated w. th Metals				1	CM	15	Y	
	2.	" "				1	CM	15	Y	
	3.									
	4.									
13. Special Handling Instructions and Additional Information Profile # SZL 003584										
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 JANET DEBRAN					Signature <i>[Signature]</i>		Month Day Year 9 9 10			
INTL	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	Transporter signature (for exports only): _____									
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name ARNOLD S. HALL					Signature <i>[Signature]</i>		Month Day Year 9 9 10		
Transporter 2 Printed/Typed Name					Signature		Month Day Year			
DESIGNATED FACILITY	17. Discrepancy									
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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 <i>[Signature]</i>					Signature <i>[Signature]</i>		Month Day Year 9 9 10			

3-DESIGNATED FACILITY TO GENERATOR

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: _____

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: _____




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		

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0971405260		2. Page 1 of 1		3. Emergency Response Phone 17404 1-56		4. Waste Tracking Number 65-107			
		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: Waukegan, IL 60085		U.S. EPA ID Number 09716									
6. Transporter 1 Company Name: # 305		U.S. EPA ID Number									
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 0978020002									
Facility's Phone: (847) 599-5905											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit WL/Vol.		
						No.	Type				
	1	Soils Contaminated with Metals				001	CM	15	4		
	2	" " " "				"	"	15	"		
	3										
4											
13. Special Handling Instructions and Additional Information: Profile # SZL 003584											
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 GARY DEIGAN					Signature 			Month 9	Day 10	Year 10	
INTL	15. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	15. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name ARMED S. HARRIS					Signature 			Month 9	Day 10	Year 10
	Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
DESIGNATED FACILITY	17. Discrepancy										
	17a. Discrepancy Indication Space: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number:										
	17b. Alternate Facility (for 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. Thompson					Signature 			Month 9	Day 10	Year 10	

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
Contract: 003584
Reference: 653103

378257 0000 0.00
Inbound - DISPOSAL CHARGE
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: 

Lake Shore Foundry




From: Sep 11, 2010 To: Sep 11, 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
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		

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0971905260		2. Page 1 of 1		3. Emergency Response Phone 47-404-7356		4. Waste Tracking Number 653-104	
		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 Vco1,9 E.S.						U.S. EPA ID Number 7116	
		7. Transporter 2 Company Name:						U.S. EPA ID Number	
8. Designated Facility Name and Site Address Vco1,9 E.S. Zion Landfill 701 Green Bay Rd Zion, IL 60099		U.S. EPA ID Number 0978020002							
Facility's Phone: (847) 599-5905									
GENERATOR	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity		12. Unit Wt./Vol.		
			No. Type						
	1. So. ls Contaminated with Metals		001 CM (5)		4				
	2. " " " "		" "		(15)		" "		
	3.								
4.									
13. Special Handling Instructions and Additional Information Profile # SZL 003584									
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 GARY DEIGAN					Signature 		Month Day Year 9 11 10		
TRANSPORTER	15. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	16. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name ARNOLD S. HARRIS					Signature 		Month Day Year 9 11 10	
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
DESIGNATED FACILITY	17. Discrepancy								
	17a. Discrepancy Indication Space: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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. Harris					Signature 		Month Day Year 9 11 10		

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
Contract: 003584
Reference: 653104

378258 0000 0.00
Inbound - DISPOSAL CHARGE
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: _____

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
Contract: 003584
Reference: 653104

378259 0000 0.00
Inbound - DISPOSAL CHARGE
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:
Change:

174

Thank you for your business !!

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

SIGNATURE: _____

Lake Shore Foundry

CONTRACT
From: Sep 13, 2010 To: Sep 13, 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
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 0971905260		2. Page 1 of 1		3. Emergency Response Phone 47-44-188		4. Waste Tracking Number 653-105	
		5. Generator's Name and Mailing Address Lake Shore Foundry 653 S. Market St. Waukegan, IL 60085							
Generator's Phone: Waukegan, IL 60085		6. Transporter 1 Company Name Veolia ES #2005						U.S. EPA ID Number 09716	
		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									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
	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 GARY DEIGAN					Signature <i>[Signature]</i>		Month Day Year 9 13 10		
INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit _____ Date leaving U.S.: _____								
	16. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name Arnold S. Hume				Signature <i>[Signature]</i>		Month Day Year 9 13 10		
	Transporter 2 Printed/Typed Name				Signature		Month Day Year		
DESIGNATED FACILITY	17. Discrepancy								
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> 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 P. Shubert					Signature <i>[Signature]</i>		Month Day Year 9 13 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
Vehicle: T2 2005-20 T2 2005

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

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 !!

Zion Landfill
701 Green Bay Road
Zion, Illinois 60099

Weighmaster: PATTY-Scale
Ticket: 714518ZL
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


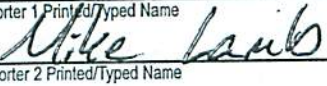

Quantity	Unit	Description	Rate	Total
10.15	TN	01 IC Municipal Solid Waste IC C-Soil EX1	\$ 16.50	

Net Amount:
Tendered:
Change:

Thank you for your business !!

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

SIGNATURE: Armand

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 1LR000111501	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 1201 Sheridan Road, Suite 103 North Chicago IL 60064 847 578-5000		Generator's Site Address (if different than mailing address) Lakeshore Foundry 653 S Market St Waukegan IL 60085				
6. Transporter 1 Company Name Advanced Waste Carriers, Inc.		U.S. EPA ID Number W10000815381				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address 5611 West Hemlock Street Milwaukee WI 53223 414 760-9175		U.S. EPA ID Number W10988580056				
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.	13. Waste Codes
X	1. RQ, UN1789, Waste Hydrochloric Acid, 3, F01 (D002) ERG#157	001 NF 015 G				D002
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1, #100324 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/Officer's Printed/Typed Name GARY DELGAN FOR LAKESHORE Foundry		Signature 		Month Day Year 10 6 10		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials		Signature 		Month Day Year 10 06 10		
Transporter 1 Printed/Typed Name Mike Lamb		Signature 		Month Day Year 10 06 10		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: U.S. EPA ID Number						
18b. Alternate Facility (or Generator)						
Facility's Phone: Month Day Year						
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		

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 (2622T), 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/Officer'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

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

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

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

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- Save Time Opening Mail and Routing Documents
- Reduce Waste and Your Carbon Footprint
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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



Deigan & Associates, LLC
Environmental Consultants

Attachment 5

Groundwater Analytes

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

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				
		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	<i>Tin</i>	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	<i>Tin, Diss</i>	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	<0.0020	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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3/20/2009