0330832022

Doc#: 0330832022
Eugene "Gene" Moore Fee: $36.50
Cook County Recorder of Deeds
Date: 11/04/2003 10:12 AM Pg: 1 of 7

PREPARED BY:

Name: Christina King Loundy

Address: Piper Rudnick
203 North LaSalle Street, Suite 1800
Chicago, Illinois 60601

RETURN TO:

Name: Christina King Loundy

Address: Piper Rudnick
203 North LaSalle Street, Suite 1800
Chicago, Illinois 60601

THE ABOVE SPACE FOR RECORDER'S OFFICE

Environmental Land Use Control

THIS ENVIRONMENTAL LAND USE CONTROL ("ELUC"), is made this 23rd day of January, 2003, by W. W. Grainger, Inc. ("Property Owner"), the owner of the real property located at the common address known as 1657 Shermer Road, Northbrook, Illinois situated in the County of Cook, State of Illinois and further described in Exhibit A attached hereto and incorporated herein by reference ("Property").

WHEREAS, 415 ILCS 5/58.17 and 35 Ill. Adm. Code 742 provide for the use of an ELUC as an institutional control in order to impose land use limitations or requirements related to environmental contamination so that persons conducting remediation can obtain a No Further Remediation determination from the Illinois Environmental Protection Agency ("IEPA"). The reason for an ELUC is to ensure protection of human health and the environment. The limitations and requirements contained herein are necessary in order to protect against exposure to contaminated groundwater that may be present on the Property as a result of historic operations of the former General Fire Extinguisher Corporation on the adjacent site south of the Property ("Remediation Site"). Under 35 Ill. Adm. Code 742, the use of risk-based, site-specific remediation objectives may require the use of an ELUC on real property, and the ELUC may apply to certain physical features (e.g., engineered barriers, monitoring wells, caps, etc.).

WHEREAS, RSD Shermer, LLC intends to request risk-based, site specific soil and groundwater remediation objectives from IEPA under 35 Ill. Adm. Code 742 to obtain risk-based closure of the Remediation Site, identified by Bureau of Land #0312070004, utilizing an ELUC that will apply to the Property.

NOW, THEREFORE, the recitals set forth above are incorporated by reference as if fully set forth herein, and the Property Owner agrees as follows:

Section One. Property Owner does hereby establish an ELUC on the Property.

Attached as Exhibit B and incorporated herein by reference are site maps that show the legal boundary of the Property, the potential horizontal extent of the contaminants of concern above the applicable remediation objectives for soil or groundwater or both, and the nature, location of the source, and direction of movement of the contaminants of concern, as required under 35 Ill. Adm. Code 742.

Section Two. Property Owner represents and warrants that it is the current owner of the Property and has the authority to record this ELUC in the chain of title for the Property with the Office of the Recorder in Cook County, Illinois.

Section Three. The Property Owner hereby agrees, for itself, and its grantees, successors, assigns, transferees and any other owner, occupant, lessee, possessor or user of the Property or the holder of any portion thereof or interest therein, that the groundwater under the Property shall not be used as a potable supply of water, no potable water wells shall be installed on the Property and any contaminated groundwater removed from the Property shall be handled, managed and disposed of in accordance with applicable environmental laws.

Section Four. This ELUC is binding on the Property Owner, its grantees, successors, assigns, transferees and any other owner, occupant, lessee, possessor or user of the Property or the holder of any portion thereof or interest therein. This ELUC shall apply in perpetuity against the Property and shall not be released until the IEPA determines there is no longer a need for this ELUC as an institutional control; until the IEPA, upon written request, issues a new no further remediation determination approving modification or removal of the limitation(s) or requirement(s); and until and a release or modification of the land use limitation or requirement is recorded in the chain of title for the Property.

Section Five. Information regarding the remediation performed on the Property may be obtained from the IEPA through a request under the Freedom of Information Act (5 ILCS 140) and rules promulgated thereunder by providing the IEPA with #0312070004, which number references the Remediation Site entered into the Illinois Site Remediation Program.

Section Six. The effective date of this ELUC shall be the date that it is officially recorded in the chain of title for the Property to which the ELUC applies.

WITNESS the following signature:

W. W. GRAINGER, INC.

By: _____
David J. Zimmer
Its: Vice President, Real Estate

Date: January 23, 2003

STATE OF ILLINOIS)
) SS:
COUNTY OF Cook)

I, Nada Popovic the undersigned, a Notary Public for said County and State, DO HEREBY CERTIFY, that David J. Zimmer and ~~_____~~, personally known to me to be the Property Owner(s) of 1657 Sherman Rd, and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that in said capacities they signed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and official seal, this 24th day of January, 2003

OFFICIAL SEAL
NADA POPOVIC
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES:07/08/05

Nada Popovic
Notary Public

State of _____)
) S.S.
County of _____)

I, _____, a notary public, do hereby certify that before me this day in person appeared _____, personally known to me to be the Property Owner(s), of _____, each severally acknowledged that they signed and delivered the foregoing instrument as the Property Owner(s) herein set forth and as their own free and voluntary act, for the uses and purposes herein set forth.

Given under my hand and seal this _____ day of _____ 20___.

_____
Notary Public

PIN NOs. 04-15-100-019
04-15-100-030

(Parcel Index Numbers)

Exhibit A

The subject property is located in the City of Northbrook, Cook County, State of Illinois, commonly known as 1657 Shermer Road, Northbrook, Illinois and more particularly described as:

STARTING AT A POINT ON THE NORTH PROPERTY BORDER OF 1685 SHERMER ROAD (THE FORMER GENERAL FIRE EXTINGUISHER CORPORATION PROPERTY) AND 54 FEET WEST OF THE INTERSECTION OF THE NORTH AND EAST PROPERTY BORDERS, THEN NORTH 66 FEET, THEN WEST 321 FEET, THEN SOUTH 66 FEET, THEN EAST 321 FEET BACK TO THE POINT OF BEGINNING.

Exhibit B

IN ACCORDANCE WITH SECTION 742.1010(D)(8)(A)-(D), PROVIDE ALL THE FOLLOWING ELEMENTS. ATTACH SEPARATE SHEETS, LABELED AS EXHIBIT B, WHERE NECESSARY.

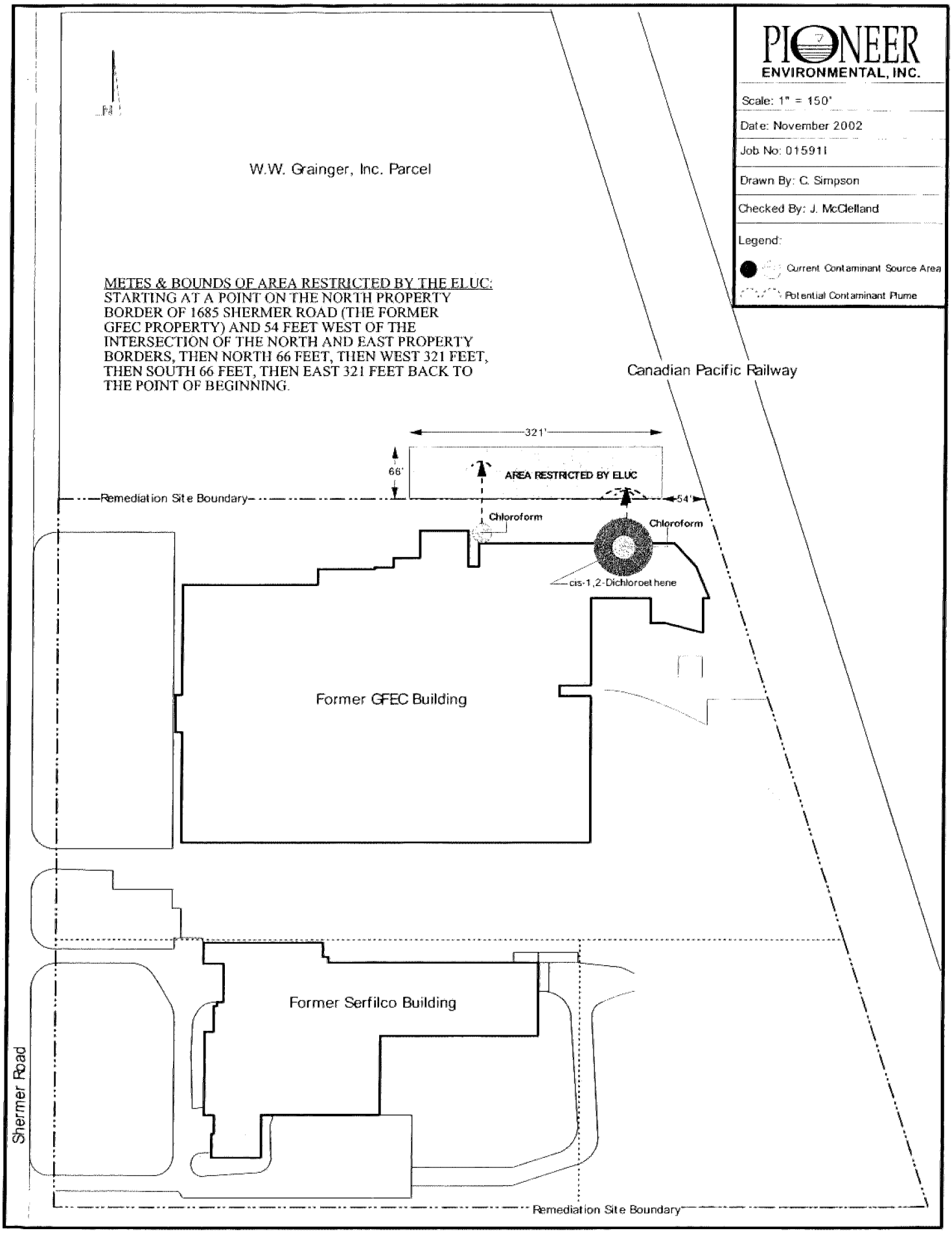
(A) **A scaled map showing the legal boundary of the property to which the ELUC applies.**

(B) **Scaled maps showing the horizontal and vertical extent of contaminants of concern above the applicable remediation objectives for soil and groundwater to which the ELUC applies.**

(C) **Scaled maps showing the physical features to which an ELUC applies (e.g., engineered barriers, monitoring wells, caps, etc.).**

(D) **Scaled maps showing the nature, location of the source, and direction of movement of the contaminants of concern.**

EXHIBIT B


PIONEER
ENVIRONMENTAL, INC.
Scale: 1" = 150'
Date: November 2002
Job No: 01591I
Drawn By: C. Simpson
Checked By: J. McClelland
Legend:
Current Contaminant Source Area
Potential Contaminant Plume
N
W.W. Grainger, Inc. Parcel
METES & BOUNDS OF AREA RESTRICTED BY THE ELUC:
STARTING AT A POINT ON THE NORTH PROPERTY BORDER OF 1685 SHERMER ROAD (THE FORMER GFEC PROPERTY) AND 54 FEET WEST OF THE INTERSECTION OF THE NORTH AND EAST PROPERTY BORDERS, THEN NORTH 66 FEET, THEN WEST 321 FEET, THEN SOUTH 66 FEET, THEN EAST 321 FEET BACK TO THE POINT OF BEGINNING.
Canadian Pacific Railway
321'
66'
AREA RESTRICTED BY ELUC
54'
Remediation Site Boundary
Chloroform
Chloroform
cis-1,2-Dichloroethene
Former GFEC Building
Former Serfilco Building
Shermer Road
Remediation Site Boundary

November 10, 2008

Mr. Bill Raven
Environmental Health and Safety Manager
W. W. GRAINGER, INC.
100 Grainger Parkway
Lake Forest, IL 60045-5021

BVNA Project No. 02008-000626.00

Subject: Results of Bulk Sampling and Analysis for Suspect Asbestos-Containing Materials (ACMs) at W.W. Grainger, Inc. (Northbrook, Illinois)

Dear Mr. Raven:

Bureau Veritas North America, Inc. (Bureau Veritas), conducted a survey of suspect ACMs at the W. W. Grainger, Inc. (GWW) facility in Northbrook, Illinois. The survey was conducted as a prerequisite to completion of renovation work in the Boiler Room of the GWW facility. The project scope of work was outlined in BVNA Proposal No. 0209.08.196, dated November 7, 2008. The project was subject to the negotiated Terms and Conditions between Bureau Veritas and GWW.

Sample Results

A survey of suspect ACMs was conducted in the Boiler Room of the GWW facility. The Boiler Room has two boiler units (East Boiler and West Boiler). Based on our inspection of the Boiler Room, a total of 21 samples of suspect ACMs were collected for this project. Collected samples included the boiler brick material, multiple types of boiler insulation materials, and debris found around the boiler units. The samples were collected by Shaun Terranova, Senior Project Manager with Bureau Veritas, on November 7, 2008.

The bulk samples were analyzed on a rush basis at our American Industrial Hygiene Association (AIHA)-accredited laboratory in Kennesaw, Georgia, using polarized light microscopy (PLM) in accordance with Environmental Protection Agency (EPA) Method 600/R-93/116.

The results of analysis indicated the presence of asbestos in the dark brown and black-colored exterior insulation materials on the boiler units (containing up to 10% chrysotile asbestos). The combined square footage of the two insulation materials is approximately 200 square feet (Samples B-13 through B-18).

The remaining samples did not contain detectable levels of asbestos. The laboratory results for all of the collected samples are provided in Table A-1 (Attachment A). Laboratory documentation for the confirmatory samples is provided in Attachment B.

Bureau Veritas North America, Inc.
Health, Safety, and Environmental Services
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
Main: (770) 499-7500
Fax: (770) 499-7511
www.us.bureauveritas.com

Recommendations

Bureau Veritas recommends that the identified asbestos-containing materials (dark brown and black-colored boiler insulation) be removed before proceeding with the renovation project. The removal work should be conducted by a contractor who is licensed in the State of Illinois to perform asbestos abatement work.

Bureau Veritas would be pleased to provide support services to assist GWW to successfully complete the project, including contractor oversight and collection of air samples to verify that the work is completed in accordance with all applicable standards and guidelines.

It was a pleasure serving you on this project. If you have any questions or require additional information, please call us at 770.499.7500.

Sincerely,

Brad J. Gilbert, CIH, CSP, CHMM, P.Eng.
Senior Project Manager
Health, Safety, and Environmental Services

Ronald T. Dobos, CIH, CSP
Senior Consultant
Health, Safety, and Environmental Services

S:\OHS\EHS\WW GRAINGER\Northbrook, IL (ACM)\Report (Asbestos Bulk Sampling)

ATTACHMENT A

Results of Bulk Sampling and Analysis

Table A-1
Results of Bulk Sampling and Analysis by Polarized Light Microscopy
(Suspect Asbestos-Containing Materials)
at
W.W. Grainger, Inc. (Northbrook, Illinois)
BVNA Project No. 02008-000626.00)
November 7, 2008

Sample Number	Date Sampled	Material Description	Sample Location (Material Quantity)	Asbestos Content (% and Type)	NESHAP Category
B-01 B-02 B-03	11/07/2008	Boiler Insulation (Gray)	East Boiler, Between Exterior Brick/Wall and Boiler Units (200 SF)	No Asbestos Detected	N/A
B-04 B-05 B-06	11/07/2008	Exterior Boiler Brick	Boiler Room, East Boiler (400 SF)	No Asbestos Detected	N/A
B-07 B-08 B-09	11/07/2008	Interior Boiler Brick Covering (Pink)	Boiler Room, Interior Section of East Boiler (400 SF)	No Asbestos Detected	N/A
B-10 B-11 B-12	11/07/2008	Exterior Boiler Insulation (Red)	Boiler Room, Exterior of East Boiler Between Brick & Wall (150 SF)	No Asbestos Detected	N/A
B-13 B-14 B-15	**11/07/2008**	**Exterior Boiler Insulation (Dark Brown)**	**Boiler Room, Exterior of East Boiler Between Brick & Wall (100 SF)**	**<1% Chrysotile (B-13) <1% Chrysotile (B-14) 10% Chrysotile (B-15)**	**RACM**
B-16 B-17 B-18	**11/07/2008**	**Exterior Boiler Insulation (Black)**	**Boiler Room, Exterior of East Boiler Between Brick & Wall (100 SF)**	**<1% Chrysotile (B-16) <1% Chrysotile (B-17) <1% Chrysotile (B-18)**	**RACM**
B-19 B-20 B-21	11/07/2008	General Debris Around Two Boiler Units	Boiler Room, Exterior of West Boiler, South Side (3 SF)	No Asbestos Detected	N/A

SF: Square Feet
N/A: Not Applicable
RACM: Regulated Asbestos-Containing Material

ATTACHMENT B

Laboratory Documentation

November 10, 2008

Brad Gilbert
BUREAU VERITAS - ATLANTA
3380 Chastain Meadows Parkway
Suite 300
Kennesaw, GA 30144

Bureau Veritas Work Order No. A0811055

Reference: 02008-000626.00

Dear Brad Gilbert:

Bureau Veritas North America, Inc. received 21 samples on 11/8/2008 10:16:45 AM and reported on 11/10/2008 9:04:49 AM for the analyses presented in the following report.

The results apply only to the samples analyzed in this project. Please note that any unused portion of the samples will be discarded after a thirty-day holding period, unless you have requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning the report, please contact the analyst whose name appears on the report or myself at (770) 499-7500.

Sincerely,

Alan M. Segrave, P.G.
Director, Laboratory Services

Bureau Veritas North America, Inc.
Health, Safety, and Environmental Services
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
Main: (770) 499-7500
Fax: (770) 499-7511
www.us.bureauveritas.com

ANALYTICAL RESULTS

Date: *08-Nov-08*

CLIENT:	BUREAU VERITAS - ATLANTA	**Sample Type:**	Bulk
Work Order No.:	A0811055	**Date Received:**	11/8/2008
Client Reference:	02008-000626.00	**Report Date:**	
Method Reference:	EPA-600/M4-82-020/EPA/600/R-93/116/NYELAP 198.1		

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
001A	***B-01***	JP	11/07/2008	11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Gray Insulation	None Detected		Glass Wool	25%	Binder/Filler Resin Glass Slag

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
002A	***B-02***	JP	10/07/2008	11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Gray Insulation	None Detected		Glass Wool	25%	Binder/Filler Resin Glass Slag

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
003A	***B-03***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Gray Insulation	None Detected		Glass Wool	25%	Binder/Filler Resin Glass Slag

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
004A	***B-04***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	34	Non-homogeneous Gray Cement	None Detected		Cellulose fiber	2%	Binder/Filler Quartz Opaque Material Granular Minerals
(2)	33	Non-homogeneous Red Brick	None Detected		Non-Detected		Binder/Filler
(3)	33	Non-homogeneous Dark Gray Mortar	None Detected		Non-Detected		Binder/Filler

The reliable limit of quantitation of the method is 1%, although asbestos may be qualitatively detected at concentrations less than 1%. Samples which asbestos is detected at <1% are reported as trace, "<1%". "None Detected" indicates that no asbestos fibers were observed.

Analyst(s) Name/Date: _____

ANALYTICAL RESULTS

Date: *08-Nov-08*

CLIENT:	BUREAU VERITAS - ATLANTA	**Sample Type:**	Bulk
Work Order No.:	A0811055	**Date Received:**	11/8/2008
Client Reference:	02008-000626.00	**Report Date:**	
Method Reference:	EPA-600/M4-82-020/EPA/600/R-93/116/NYELAP 198.1		

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
005A	***B-05***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	20	Non-homogeneous Gray Cement	None Detected		Cellulose fiber	2%	Binder/Filler Quartz Opaque Material Granular Minerals
(2)	20	Non-homogeneous Red Brick	None Detected		Non-Detected		Binder/Filler
(3)	60	Non-homogeneous Dark Gray Mortar	None Detected		Non-Detected		Binder/Filler Metal

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
006A	***B-06***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	40	Non-homogeneous Gray Cement	None Detected		Cellulose fiber	2%	Binder/Filler Quartz Opaque Material Granular Minerals Metal Paint
(2)	30	Non-homogeneous Red Brick	None Detected		Non-Detected		Binder/Filler
(3)	30	Non-homogeneous Dark Gray Mortar	None Detected		Non-Detected		Binder/Filler Metal

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
007A	***B-07***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	60	Non-homogeneous Light Pink Brick	None Detected		Cellulose fiber	2%	Binder/Filler
(2)	40	Non-homogeneous Off-White Granular Material	None Detected		Cellulose fiber	1%	Binder/Filler Mica

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
008A	***B-08***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Light Pink Brick	None Detected		Cellulose fiber	3%	Binder/Filler

The reliable limit of quantitation of the method is 1%, although asbestos may be qualitatively detected at concentrations less than 1%. Samples which asbestos is detected at <1% are reported as trace, "<1%". "None Detected" indicates that no asbestos fibers were observed.

Analyst(s) Name/Date: _____

ANALYTICAL RESULTS

Date: *08-Nov-08*

CLIENT:	BUREAU VERITAS - ATLANTA	**Sample Type:**	Bulk
Work Order No.:	A0811055	**Date Received:**	11/8/2008
Client Reference:	02008-000626.00	**Report Date:**	
Method Reference:	EPA-600/M4-82-020/EPA/600/R-93/116/NYELAP 198.1		

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
009A	***B-09***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	80	Non-homogeneous Light Pink Brick	None Detected		Cellulose fiber	2%	Binder/Filler
(2)	20	Non-homogeneous Off-White Granular Material	None Detected		Cellulose fiber	2%	Binder/Filler Mica

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
010A	***B-10***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Red Insulation	None Detected		Non-Detected		Binder/Filler Opaque Material

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
011A	***B-11***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Red Insulation	None Detected		Non-Detected		Binder/Filler Opaque Material Metal

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
012A	***B-12***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Red Insulation	None Detected		Non-Detected		Binder/Filler Opaque Material

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
013A	***B-13***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Dark Brown Insulation	Chrysotile	< 1%	Cellulose fiber Fibrous glass	3% 35%	Binder/Filler Resin
			Total	<1%			

The reliable limit of quantitation of the method is 1%, although asbestos may be qualitatively detected at concentrations less than 1%. Samples which asbestos is detected at <1% are reported as trace, "<1%". "None Detected" indicates that no asbestos fibers were observed.

Analyst(s) Name/Date: J Peterson

ANALYTICAL RESULTS

Date: *08-Nov-08*

CLIENT:	BUREAU VERITAS - ATLANTA	**Sample Type:**	Bulk
Work Order No.:	A0811055	**Date Received:**	11/8/2008
Client Reference:	02008-000626.00	**Report Date:**	
Method Reference:	EPA-600/M4-82-020/EPA/600/R-93/116/NYELAP 198.1		

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
014A	***B-14***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Dark Brown Insulation	Chrysotile	< 1%	Cellulose fiber	1%	Binder/Filler
					Fibrous glass	55%	Resin
							Opaque Material
			Total	<1%			

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
015A	***B-15***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Dark Brown Insulation	Chrysotile	10%	Cellulose fiber	1%	Binder/Filler
					Fibrous glass	50%	Resin
			Total	10%			

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
016A	***B-016***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Black Insulation	Chrysotile	< 1%	Cellulose fiber	1%	Binder/Filler
					Glass Wool	40%	Opaque Material
			Total	<1%			

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
017A	***B-17***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Black Insulation	Chrysotile	< 1%	Cellulose fiber	1%	Binder/Filler
					Glass Wool	50%	Opaque Material
			Total	<1%			

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
018A	***B-18***	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous Black Insulation	Chrysotile	< 1%	Cellulose fiber	1%	Binder/Filler
					Glass Wool	50%	Opaque Material
			Total	<1%			

The reliable limit of quantitation of the method is 1%, although asbestos may be qualitatively detected at concentrations less than 1%. Samples which asbestos is detected at <1% are reported as trace, "<1%". "None Detected" indicates that no asbestos fibers were observed.

Analyst(s) Name/Date: 

ANALYTICAL RESULTS

Date: *08-Nov-08*

CLIENT:	BUREAU VERITAS - ATLANTA	**Sample Type:**	Bulk
Work Order No.:	A0811055	**Date Received:**	11/8/2008
Client Reference:	02008-000626.00	**Report Date:**	
Method Reference:	EPA-600/M4-82-020/EPA/600/R-93/116/NYELAP 198.1		

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
019A	**B-019**	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous White and Red Debris	None Detected		Cellulose fiber	2%	Binder/Filler Opaque Material Quartz

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
020A	**B-20**	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous White and Red Debris	None Detected		Cellulose fiber	1%	Binder/Filler Opaque Material Quartz Metal

Lab ID	Client Sample ID	Analyst	Date Sampled	Date Analyzed
021A	**B-21**	JP		11/08/2008

Layer	POB	Sample Morphology	Asbestos	%	Other Fibers	%	Particulate
(1)	100	Non-homogeneous White and Red Debris	None Detected		Cellulose fiber	1%	Binder/Filler Opaque Material Quartz Metal

Microscope Documentation

Instrument	Manufacturer	Model	Description
PLM 3	Nikon	Labophot-POL	AS-OL-4D PLM Microscope

The reliable limit of quantitation of the method is 1%, although asbestos may be qualitatively detected at concentrations less than 1%. Samples which asbestos is detected at <1% are reported as trace, "<1%". "None Detected" indicates that no asbestos fibers were observed.

Analyst(s) Name/Date: ______________________

02058-005625.00

Bureau Veritas North America, Inc.

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: 11-10-08 Rush
Rush Charges Authorized? [X] Yes [ ] No
[ ] Fax or [X] E-mail Results
E-mail address: Brad.Gilbert@us.bureauveritas.com
Shawn.Terranova@us.bureauveritas.com

For Bureau Veritas Use Only
Bureau Veritas Lab Project No. A081105

REPORT RESULTS TO
Name: Brad Gilbert / Shawn Terranova | Client Job No.:
Company: Bureau Veritas | Dept.:
Mailing Address: Kennesaw / 2911 Butterfield Road
City, State, Zip: ~~Atlanta~~, GA / Downers Grove, IL 60515
Telephone No.: 770-499-7500 / 630-795-3220 FAX No.:

SEND INVOICE TO
Purchase Order No.:
Name: Brad Gilbert
Company: Bureau Veritas | Dept. Loss Ctrl.
Address: Kennesaw
City, State, Zip: ~~Atlanta~~, GA

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)
Results to B. Gilbert (ATL-005

* Explanation of Preservative

Soils: Which state are these from? ____

Waters:
[ ] Drinking Water
[ ] Groundwater
[ ] Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	PCBs (EPA 608)	FOR LAB USE ONLY
Please See	11-7-08					X	
Attached Sheets							
(ALL Samples)							

CHAIN OF CUSTODY

Collected by: Shawn Terranova (print) | Collector's Signature: Shawn Terranova
Relinquished by: Shawn Terranova | Date/Time 11/7/08 5:00pm | Received by: | Date/Time
Relinquished by: | Date/Time | Received by: | Date/Time
Method of Shipment: | Received at Lab by: | Date/Time 11/8/08
Authorized by: Shawn Terranova (Client Signature MUST Accompany Request) | Date 11/7/08 | Sample Condition Upon Receipt: [ ] Acceptable [ ] Other (explain)

Please return completed form and samples to one of the Bureau Veritas North America, Inc. labs listed below:

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ASBESTOS INSPECTION FIELD FORM

Sampling Date: 11-7-08

CLIENT INFO		SITE INFO	
Name:	Grainger	Name:	Same
Address:	1657 Sherman Road	Address:	
City, State, Zip:	Northbrook, IL	City, State, Zip:	
Bureau Veritas Project #:		Bureau Veritas Project Manager:	Brad Gilbert

Bulk Sample I.D. #	HA #	Suspect Material Description	Classification	HA Location	Sample Location	Comments and Observations				Laboratory Results
						Friability	Condition	Dam. Qty.	Total Qty.	
G-01	1	Gray Insulation	SM MM (TSI)	Between Exterior Brick and Wall Boiler Room Boilers	East Boiler	Yes	Fair	Top Portion	300SF	
G-02	1	↓	SM MM (TSI)	↓	↓	↓			↓	
G-03	1	↓	SM MM (TSI)	↓	↓	↓			↓	
G-04	2	Exterior Boiler Brick	SM (MM) TSI	Boiler Room East + West Boilers	East Boiler	Parts Friable	Good		400SF	
G-05	2	↓	SM (MM) TSI	↓	↓	↓	↓		↓	
G-06	2	↓	SM (MM) TSI	↓	↓	↓	↓		↓	
G-07	3	Interior Pink Boiler Brick	SM (MM) TSI	Interior of Boiler East + West Boilers Boiler Room	East Interior Boiler	Parts Friable	Fair		400SF	
G-08	3	Covering ↓	SM (MM) TSI	↓	↓	↓	↓		↓	

ASBESTOS INSPECTION FIELD FORM

Sampling Date: 11-7-08

CLIENT INFO		SITE INFO	
Name:	GRAINGER	Name:	Same
Address:	1657 Sherman ROAD	Address:	
City, State, Zip:	NORTH BROOK, IL	City, State, Zip:	
Bureau Veritas Project #:		Bureau Veritas Project Manager:	BRAD Gilbert

Bulk Sample I.D. #	HA #	Suspect Material Description	Classification	HA Location	Sample Location	Comments and Observations				Laboratory Results
						Friability	Condition	Dam. Qty.	Total Qty.	
G 09	3	Interior of Elbow PINK BOILER Brick Covering	SM (MM) TSI	Interior of Boiler East + West Boiler Boiler Room	EAST INTERIOR BOILER	Parts Friable	Fair		400SF	
G-10	4	Red Exterior Insulation / Covering	SM (MM) TSI	Exterior of Boiler Between Bricks WALL - NEAR Top	EAST BOILER	YES	Fair		150SF	
G-11	4	↓	SM (MM) TSI	↓	↓	↓	↓		↓	
G-12	4	↓	SM (MM) TSI	↓	↓	↓	↓		↓	
G-13	5	Dark Brown Insulation	SM MM (TSI)	Exterior of Boiler Near Top Between Brick and WALL	East BOILER	YES	GOOD		100 SF	
G-14	5	↓	SM MM (TSI)	↓	↓	↓	↓		↓	
G-15	5	↓	SM MM (TSI)	↓	↓	↓	↓		↓	
			SM MM TSI							

ASBESTOS INSPECTION FIELD FORM

Sampling Date: 11-17-08

CLIENT INFO		SITE INFO	
Name:	GRAINGER	Name:	Same
Address:	1657 Shermer Road	Address:	
City, State, Zip:	NORTHBROOK, IL	City, State, Zip:	
Bureau Veritas Project #:		Bureau Veritas Project Manager:	Brad Gilbert

Bulk Sample I.D. #	HA #	Suspect Material Description	Classification	HA Location	Sample Location	Comments and Observations				Laboratory Results
						Friability	Condition	Dam. Qty.	Total Qty.	
G-16	6	Block Insulation	SM MM (TSI)	Exterior Boiler Between Brick and WALL -	East Boiler	Yes	Good		100sf	
G-17	6	↓	SM MM (TSI)	↓	↓	↓	↓		↓	
G-18	6	↓	SM MM (TSI)	↓	↓	↓	↓		↓	
G-19	7	Boiler General Debris	SM (MM) TSI	Exterior of Boiler - South Side	West Boiler	Parts friable	Good		3sf	
G-20	7	↓	SM (MM) TSI	↓	↓	↓	↓		↓	
G-21	7	↓	SM (MM) TSI	↓	↓	↓	↓		↓	
			SM MM TSI							
			SM MM TSI							

Hygieneering, Inc.
Industrial hygiene, safety and environmental consulting services

INDOOR AIR QUALITY MANAGEMENT & MOLD PREVENTION PROGRAM REPORT

PREPARED FOR:

W.W. GRAINGER, INC.

1657 SHERMER ROAD
NORTHBROOK, ILLINOIS

OCTOBER 26, 2010
PROJECT #2010 – 4109 IAQ

PREPARED BY:

HYGIENEERING, INC.
7575 PLAZA COURT
WILLOWBROOK, IL 60527

DATE SUBMITTED:
DECEMBER 6, 2010

Asbestos, Mold and Lead Services
- Asbestos, Mold and Lead Surveys
- Air and Bulk Sampling
- Abatement Project Design
- Bid Solicitation
- Project Management
- Turnkey Services
- Operations & Maintenance Programs

Indoor Air Quality Services
- IAQ Investigations and Testing
- HVAC System Inspection
- IAQ Training & Management Programs for Facilities
- Mold Management Services

Industrial Hygiene Services
- Worker Exposure Assessments
- Air Sampling for Chemical, Physical & Biological Contaminants
- Noise Levels Surveys
- Ventilation Surveys
- PPE Assessments

Safety Consulting Services
- Safety Program Development
- Safety Program Auditing
- Safety Training for Construction & General Industry
- Process Safety Management/Hazard Analysis Development
- Risk Management Planning & PSM Compliance Reviews
- Temporary Safety Professional Staffing

Environmental Engineering Services
- Phase I & II Environmental Site Assessments
- Underground Storage Tanks
- Emergency Response, Testing & Remediation
- Subsurface Investigations (Soil/Groundwater)
- Hazardous Waste Management
- Environmental Compliance Audits
- Environmental Risk Assessments
- Environmental Permitting and Reporting
- Remediation Design & Management

Training Services
- OSHA Safety Topics
- 10-Hour Construction and General Industry
- All EPA & OSHA Topics
- Asbestos/HAZWOPER & Lead

Emergency Response
- Floods, Fires, Chemical Releases
- Site Hazard Characterization
- Project Management (Turnkey)

TABLE OF CONTENTS

APPENDICES

EXECUTIVE SUMMARY

Introduction

Hygieneering, Inc. (Hygieneering) was retained by W.W. Grainger, Inc. (Grainger) to conduct a proactive Indoor Air Quality (IAQ) Assessment at their facility located at 1657 Shermer Road in Northbrook, Illinois. The assessment was proactively conducted in response to the recently renovated, approximately 47,000 square feet, warehouse space converted into additional office space and the installation of six new air handling units. The assessment was conducted on October 26, 2010.

The IAQ assessment consisted of testing for a number of common air contaminants / air quality parameters and a visual assessment of the facility and ventilation systems for indications of potential poor indoor air quality risk factors.

Mr. Austin DeBaene, Health & Safety Consultant of Hygieneering performed the fieldwork. The Hygieneering senior project managers were Mr. David Zeidner, Director of IAQ & Emergency Response Services, and Mr. John Feller, CIH, CSP, Vice President. Mr. Robert Leis, Lead Maintenance Technician, of Grainger provided onsite assistance. The following summarizes Hygieneering's observations during this Indoor Air Quality Assessment.

Summary of Results

Visual Observations

Hygieneering performed a visual inspection in the facility that consisted of a review for indicators of poor indoor air quality (i.e. water damage/high moisture content in building materials, suspect or obvious mold, chemical misuse, unusual staining, excessive dirt, etc.). In summary, there were no visual observations/findings that indicated signs of poor indoor air quality. The facility appeared to be well maintained from a general housekeeping and facility maintenance perspective.

Interviews

Informal discussions concerning the general air quality were conducted with the maintenance staff. Hygieneering was unable to interview the office area occupants, due to unavailability for interviewing (i.e. occupants are telemarketers and were on call and/or away from their respective cubicles at the time of this assessment). Discussions revealed no potential indoor air quality risk factors associated with the building.

Heating, Ventilating, and Air Conditioning (HVAC) Assessment

Hygieneering conducted a qualitative ventilation assessment on the newly installed rooftop air handling units servicing the new office area of the facility for indicators of poor indoor air quality risk factors. The air intake location, filtration, general operation, condensate system and delivery system were visually reviewed.

- Hygieneering noted the condensate drainpipe was not properly connected to the PVC extension to air handling unit RTU-7. In addition, leaf accumulation was present within the drainpipe.
- Hygieneering noted water staining present on the pleated box filters located in air handling unit RTU-7.

Air Sampling

General indoor air quality parameters were measured and compared against applicable guidelines (ASHRAE, AIHA, EPA) as follows:

- Ambient temperatures and relative humidity levels within the building ranged from 71.5 to 73.5°F and 37.2 to 53.0%, respectively. The readings fall within the acceptable range of operable temperature and humidity levels in the ASHRAE Standard 55-2004.
- Carbon dioxide concentrations within the building ranged from 517 to 771 ppm, within the ASHRAE guideline in all sampling locations.
- Carbon monoxide levels within the building were below detection limits (< 1ppm) in all sampling locations and below the NAAQS guideline of 9 ppm.
- Volatile Organic Compounds (VOCs) were measured at levels below 1 ppm in all areas tested, indicating no active source.

Conclusions

Based upon an overall evaluation of the data and information collected; including discussions with staff, visual inspections of the building and ventilation systems, air monitoring: the facility is well maintained from an air quality perspective and should promote a quality workplace and a comfortable and healthy environment.

There were no significant poor IAQ risk factors identified concerning airborne contaminants or other potential serious IAQ issues. However, there were a few minor poor indoor air quality risk factors identified as noted above.

General recommendations to address the minor issues noted and to continue with a proactive approach toward air quality are presented at the end of this report in the Recommendations section.

BACKGROUND INFORMATION

Introduction

Hygieneering, Inc. (Hygieneering) was retained by W.W. Grainger, Inc. (Grainger) to conduct a proactive Indoor Air Quality (IAQ) Assessment at their facility located at 1657 Shermer Road in Northbrook, Illinois. The assessment was proactively conducted in response to the recently renovated, approximately 47,000 square feet, warehouse space converted into additional office space, and the installation of six new air handling units. The assessment was conducted on October 26, 2010.

The IAQ assessment consisted of testing for a number of common air contaminants / air quality parameters and a visual assessment of the facility and ventilation systems for indications of potential poor indoor air quality risk factors.

Mr. Austin DeBaene, Health & Safety Consultant of Hygieneering performed the fieldwork. The Hygieneering senior project managers were Mr. David Zeidner, Director of IAQ & Emergency Response Services, and Mr. John Feller, CIH, CSP, Vice President. Mr. Robert Leis, Lead Maintenance Technician, of Grainger provided onsite assistance.

Scope of Work

Hygieneering was engaged to conduct air monitoring, a ventilation system assessment of representative and accessible units, and visual observations throughout the facility. The scope of work was as follows:

- Conduct air quality measurements throughout representative areas of the facility for temperature, relative humidity, carbon dioxide, carbon monoxide and volatile organic compounds (VOCs).
- Conduct a visual evaluation of representative, accessible portions of the newly installed ventilation systems for potential contamination or other poor indoor air quality factors.
- Conduct a visual inspection of the facility for indicators or risk factors of poor indoor air quality.

Assessment Methodologies

Visual Assessment

Hygieneering conducted a visual assessment of representative areas in the facility with emphasis placed on mechanical areas, office spaces and maintenance storage rooms. The visual inspection consisted of a walkthrough review of these areas for indicators of poor indoor air quality risk factors (i.e. water damage / high moisture content in building materials, suspect mold, chemical misuse, excessive dirt, etc.). The visual inspection was non-destructive and was only conducted in readily accessible areas.

The visual assessment of building materials and the ventilation systems were conducted in part based on portions of the guidelines and good practices set forth in the EPA IBEAM inspection forms, ASHRAE Standard 62.1-2004 Ventilation for Acceptable Indoor Air Quality and by the National Air Duct Cleaners Association (NADCA).

Building Occupant, Engineering and Management Interviews

Formal interviews were not a part of this IAQ Assessment. However, informal interviews may have been conducted with building occupants, management and maintenance / engineering staff during this assessment. Summary comments of conversations concerning the IAQ are presented with the body of this report.

Air Sampling Methodology and Evaluation Criteria

Air Monitoring Equipment

Hygieneering collected relative humidity, temperature, carbon monoxide (CO), and carbon dioxide (CO_2) measurements at air sample locations using a BW Technologies GasProbe Indoor Air Quality Monitor direct read instrument. The unit uses an electrochemical sensor for CO and an Infrared sensor for CO_2. The range of measurement for CO is 0-250 ppm and 0-5000 ppm for CO_2. This instrument is calibrated for carbon monoxide and carbon dioxide using a span gas for each prior to daily use.

Volatile organic compound measurements were collected using a Rae Systems ppbRae photo-ionization detector (PID) model PGM-7240 direct read instrument. This instrument is an extremely sensitive PID used for real-time monitoring of volatile organic compounds at part-per-billion (ppb) levels. This unit uses a 10.6eV UV lamp detector capable of detecting many common indoor building VOCs. The unit is calibrated using a standard zero reference and isobutylene. This unit is calibrated prior to each daily use. This unit does not identify specific VOCs, only the amount of VOCs present as compared to the isobutylene reference. In the most sensitive mode used in IAQ evaluations, the unit has a range of 0 to 10 ppm. The unit has an accuracy of measurement of approximately 10% of the displayed reading.

Temperature & Relative Humidity

ASHRAE Standard 55-2004 has established a standard to address occupant thermal comfort. These guidelines were used to evaluate the temperature and relative humidity measurements. ASHRAE Standard 55-2004, Thermal Environmental Conditions for Human Occupancy, indicates that an acceptable range of operative temperature for persons doing typical "office" work can range from approximately 82° to 68°F in summer months dependent upon the relative humidity.

Indoor air temperature and relative humidity are physical conditions important to occupant comfort. ASHRAE Standard 55-2004, Thermal Environmental Conditions for Human Occupancy, provides a graphical method for determining 80% occupant acceptability of temperature and relative humidity in a typical indoor environment (See Figure 2 in the Air Sampling Section). Temperature and relative humidity

ranges for typical indoor environments are based on several factors including clothing coverage and activity levels of the occupants. The attached graph is based on typical office activity levels.

The relative humidity level may affect the growth of mold and other microorganisms. ASHRAE Standard 62-1989, Ventilation Rates for Acceptable Indoor Air Quality, recommends relative humidity be maintained below 60 % to avoid the growth of microorganisms.

Carbon Dioxide

Carbon dioxide measurements were compared against the ASHRAE Standard 62.1-2004, Ventilation for Acceptable Air Quality. This standard states that levels of carbon dioxide less than 700 ppm above outdoor ambient air concentration should be comfortable for most occupants. Concentrations above this level may indicate inadequate outdoor air mix in the ventilation. This level is based on the amount of airflow needed to reduce odor from bioeffluent and should not be construed as a safe/unsafe boundary. Rather, it is one of several tools used to evaluate the effectiveness of the ventilation system based on the building occupant load.

It should be noted that this method has limitations since a close approximation of building steady state conditions are required to fully evaluate the carbon dioxide data. Formal efforts to approximate steady state conditions (population density changes, manipulation of outdoor air damper changes, etc...) were not conducted. However, parameters such as the type of ventilation systems present, damper settings/approximate amount of outdoor air mix and number of building occupants present in the area during measurement times were collected to assist in the data evaluation.

This standard has recently been updated and now includes a specific review of the type of occupancy, the number of occupants present, the size area of the zone of concern and an air-mixing factor to calculate the required amount of outside air delivered to a particular space. This level of review was not conducted as part of the general indoor air quality assessment.

Carbon Monoxide

Although not directly applicable for the indoor environment, there is a National Ambient Air Quality Standard (NAAQS) for carbon monoxide intended to protect the health of the general public. This level is 9 ppm maximum exposure based on an 8-hour time weighted average. However, in most buildings, ambient levels are typically less than equipment detection limits (1 ppm). On occasion, in urban areas we may see concentrations of 1 to 2 ppm. Levels of 3 ppm and above prompt further area inspection to identify the potential source.

Volatile Organic Compounds

At the present time, there are no national or state standards that are specific for facility, office, or home settings for volatile organic compounds (VOCs). In addition, there are many opinions in the science and medical communities about the degree of risk posed by various amounts of low level VOCs.

For the purposes of this indoor air quality assessment, VOC measurements were conducted as a screening tool for potential active VOC sources in the building and not as an evaluation of a potential health hazard. Based on general review of scientific data and our experience in conducting indoor air quality assessments, a threshold value of greater than 1 ppm measured utilizing the ppbRae PID was used. Measurements greater than 1 ppm prompt further investigation into the area for potential specific VOC sources.

DISCUSSION OF FINDINGS

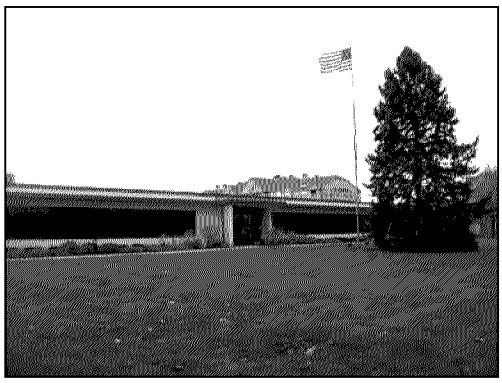
This section discusses the results from the visual observations, HVAC inspections and air sampling conducted at the facility. For reference, supporting project documents are contained the following Appendices:

APPENDIX A – Direct Read Air Sampling Data
APPENDIX B – Sample Location Floor Plans

Visual Assessment

Building Construction

The Northbrook Grainger facility is a single-story steel-framed, brick building that was constructed in 1947 (Photograph 1). Additions to the building were constructed in 1959, 1972, and 2006. The most recent renovation activities consisted of converting approximately 47,000 square feet of warehouse space into an office area. The total square footage of the Grainger facility is approximately 182,093 square feet, with the office area comprising approximately 86,949 square feet and the warehouse comprising 95,144 square feet.



Photograph 1

Hygieneering did not observe any obvious structural problems, or evidence of moisture infiltration inside or outside of the building. There was no evidence of significant roof leaks or moisture problems in the building (refer to the Building Interior Visual Assessment Section of the report for a detailed description).

A review of the exterior of the building was conducted with respect to the guidelines set forth in ASHRAE 62.1-2004 for potential exterior contaminant sources as shown below in Figure 1. This figure reviews the acceptable distances for various pollutant sources from the air intakes.

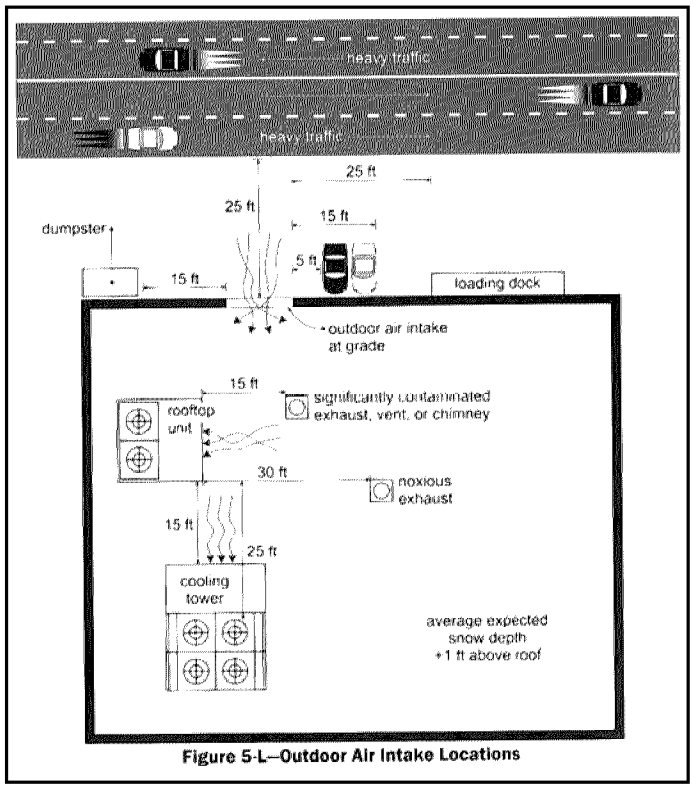
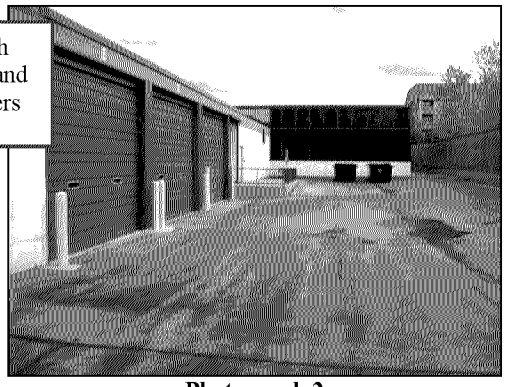


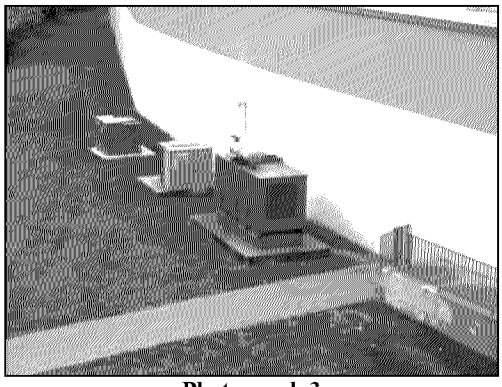
Figure 1 – (taken from ASHRAE 62.1-2004 User Manual)

A cooling tower is not present onsite. The loading docks are located on the north and south sides of the building and the waste dumpsters are adjacent to the south loading docks (Photograph 2). Both the loading docks and waste dumpsters are located far from any ventilation system air intakes. An emergency generator is located outside on the north side of the building and is also far from any ventilation system air intakes (Photograph 3). In addition, the facility is located in a residential area with no notable potential air contaminant sources present.

View of south loading docks and waste dumpsters



Photograph 2



Photograph 3

The roof of the building was also reviewed for potential contaminant sources located in proximity to the air intakes for the building. Hygieneering did not observe any potential contaminant sources located within close proximity to ventilation system air intakes for the building.

Building Interior

The facility consists of an office area on the north side of the building extending to the south, and a warehouse area is located on the south side of the building. The office area of the facility consists of individual office spaces, several cubicles, conferences rooms, training rooms, a kitchen, a cafeteria, a lobby and receptionist area, and a multi-purpose room. The warehouse area is utilized for storage purposes and houses the Maintenance Department.

The walls of the old and new office areas are finished with cinderblock and/or drywall; a majority of the ceilings of the old office area are finished with acoustical drop panels, with some plaster; the ceilings of the new office area are unfinished, with exposed metal decking; and the floors of the old and new office areas are covered with carpet or vinyl tile. A majority of the warehouse is unfinished, with an exposed metal deck ceiling and cement flooring.

Housekeeping chemicals utilized by the Maintenance Department and housekeeping staff are housed in janitorial closets located in the old and new office area. Exhaust vents were present within the janitorial closets. Flammables were noted within flammable storage cabinets in the loading docks of the warehouse. Chemical containers were noted to be in good condition and were stored properly.

General housekeeping in the facility appeared adequate. Carpets appeared to be dry and in good condition. Hygieneering did not observe any leaks/moisture/suspect mold/odor issues.

Overall, general maintenance of the facility appeared adequate, and mechanical pipe insulation was clean and dry.

Hygieneering qualitatively tested the exhausts of the men's washroom by utilizing a smoke tube. Exhausts appeared to be under good negative pressure.

Interviews

During the visual walkthrough assessment, informal discussions concerning the general air quality were conducted with the maintenance staff. Office occupants were unavailable for interviews, due to work activities (i.e. occupants are telemarketers and were on call and/or away from their respective cubicles at the time of this assessment). Discussions revealed no potential indoor air quality risk factors associated with the building.

Heating Ventilation and Air Condition (HVAC) Assessment

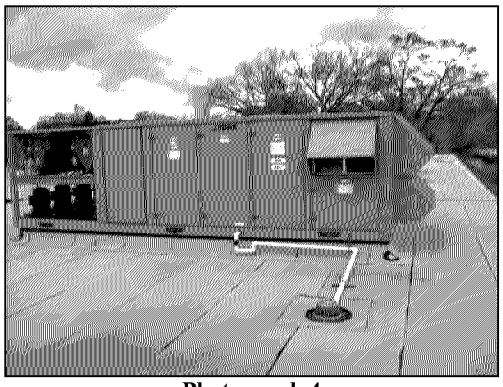
Grainger has a total of twelve (12) rooftop air handling units (RTU's) to provide ventilation throughout the facility. As mentioned, a total of six (6) new RTU's were recently installed and service the newly renovated office area. According to Mr. Leis, the old RTU's are constant volume and the new RTU's are variable volume. The return air system is open plenum for all rooftop air handling units. The HVAC units have an approximate minimum outside air setting of 20%; however, this value varies throughout the day in accordance to each unit's temperature setting. Mr. Leis informed Hygieneering that the new HVAC units are connected to a centralized computer system that allows the maintenance engineer to look at the specifics of each air-handling unit. The old HVAC units utilize economizers and are controlled manually by the engineering staff.

The preventative maintenance program includes pleated filter change-outs twice a year. In addition, Grainger engineers vacuum out the condensate coils and fan units, and grease bearings twice per year. Mr. Leis informed Hygieneering that filters were changed out approximately two months prior to date of this assessment. Grainger, typically, conducts the HVAC preventative maintenance programs; however, Mr. Leis informed Hygieneering that Grainger retained a subcontractor for preventative maintenance services approximately two months prior to the date of this assessment. The subcontractor performs preventative maintenance services prior to the heating and cooling seasons.

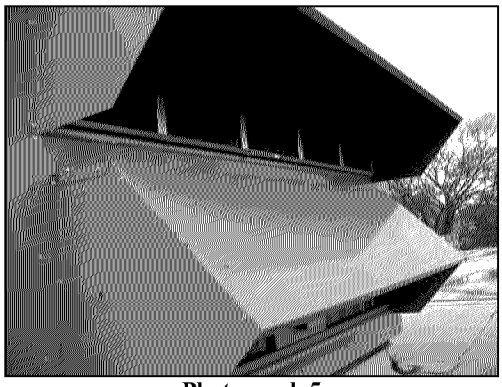
Hygieneering assessed rooftop air handling units: RTU-1, RTU-3, RTU-5, RTU-7, RTU-8, RTU-11 on October 26, 2010. RTU-1 through RTU-3 service the north side of the new office area; RTU-4 and RTU-5 service the south side of the new office area; and RTU-6 services the multi-purpose room of the new office area (refer to Attachment 2 and 3 for the specific locations each air handling unit services). At the time of this assessment, the RTUs were set at approximately 20% outside air. Overall, the air-handling units assessed were operating properly and in good condition. The following summarizes the air handling unit inspection.

RTU-1

RTU-1's air intake location was free of potential pollutant sources (Photograph 4). The pest screen was in place and intact (Photograph 5). The unit's dampers were clean with no significant dust/dirt accumulation (Photograph 6). The unit's pleated filters were lightly loaded (Photograph 7). The unit's cooling coils and condensate pan were clean with no significant dust/dirt buildup and no bioaccumulation was noted (Photographs 8 and 9, respectively). The condensate drain line was intact and well connected to the exterior drainpipe. The condensate drain line is attached to an extension PVC pipe, which drains into a roof drain. The roof drain was free from debris buildup. The supply fan was also in good condition with no significant dirt accumulation.

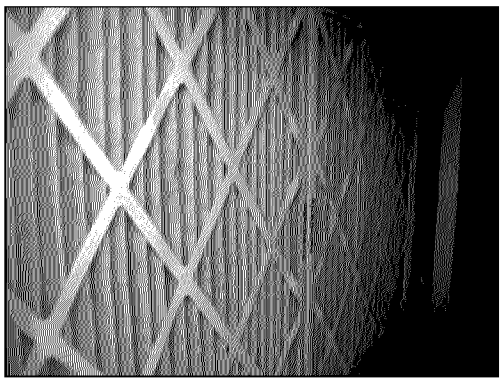


Photograph 4

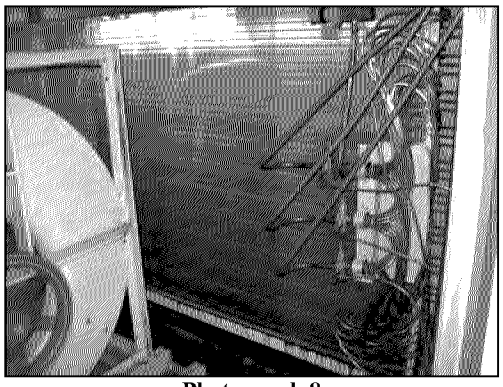


Photograph 5

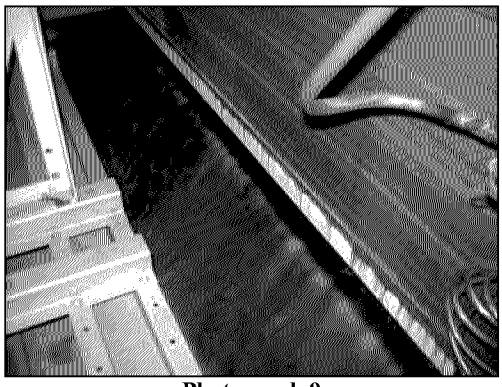
Photograph 6



Photograph 7



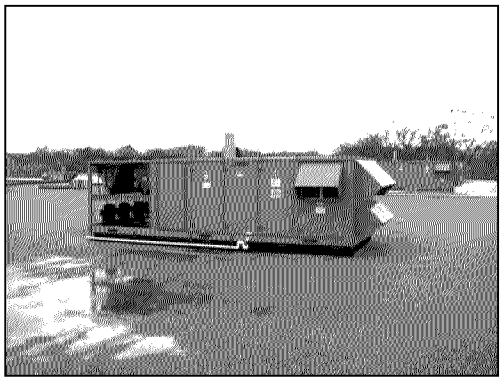
Photograph 8



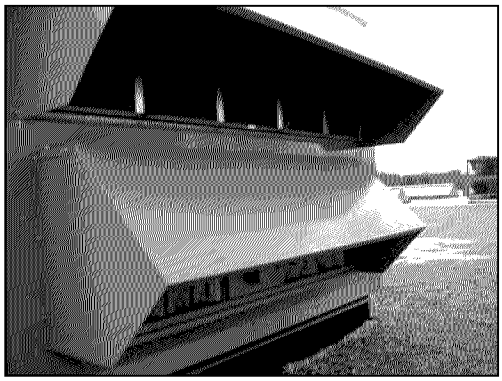
Photograph 9

RTU-3

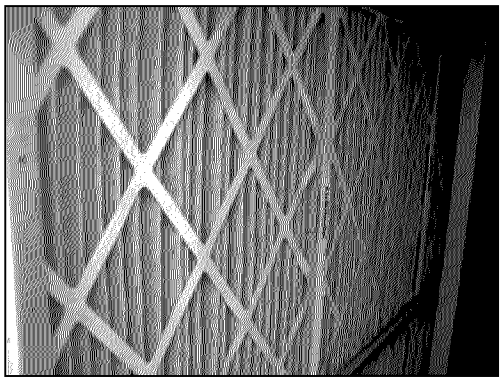
RTU-3's air intake location was free of potential pollutant sources (Photograph 10). The pest screen was in place and intact (Photograph 11). The unit's dampers were clean with no significant dust/dirt accumulation. The unit's pleated filters were lightly loaded (Photograph 12). The unit's cooling coils and condensate pan were clean with no significant dust/dirt buildup and no bioaccumulation was noted (Photographs 13). The condensate drain line was intact and well connected to the exterior drainpipe. The condensate drain line is attached to an extension PVC pipe, which drains into a roof drain (Photograph 14). The roof drain was free from debris buildup. The supply fan was also in good condition with no significant dirt accumulation (Photograph 15).



Photograph 10

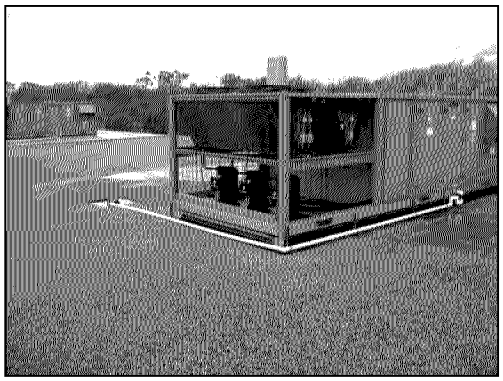


Photograph 11

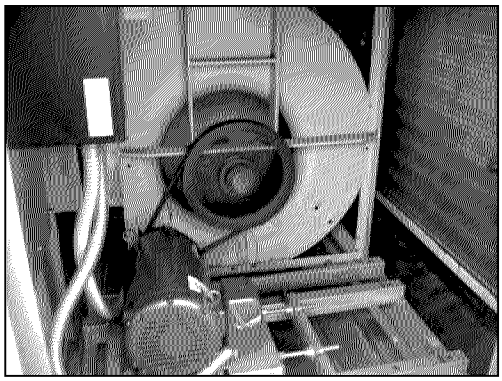


Photograph 12

Photograph 13



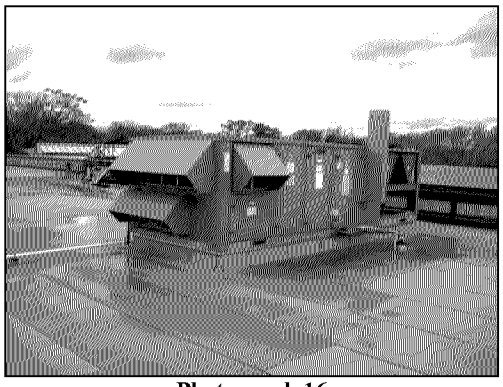
Photograph 14



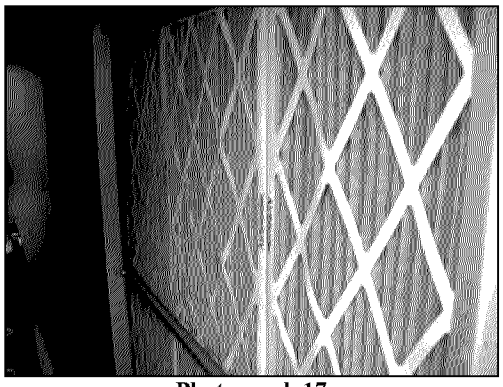
Photograph 15

RTU-5

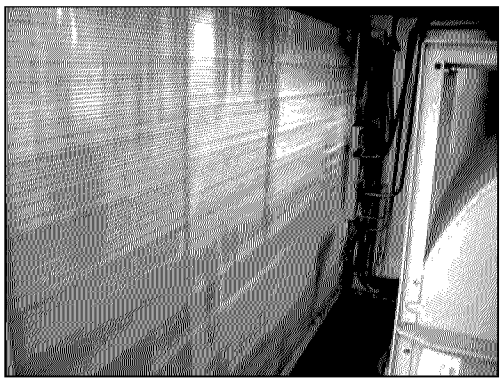
RTU-5's air intake location was free of potential pollutant sources (Photograph 16). The pest screen was in place and intact. The unit's dampers were clean with no significant dust/dirt accumulation. The unit's pleated filters were lightly loaded (Photograph 17). The unit's cooling coils and condensate pan were clean with no significant dust/dirt buildup and no bioaccumulation was noted (Photographs 18 and 19, respectively). The condensate drain line was intact and well connected to the exterior drainpipe. The condensate drain line is attached to an extension PVC pipe, which drains into a roof drain (Photograph 20). The roof drain was free from debris buildup. The supply fan was also in good condition with no significant dirt accumulation.



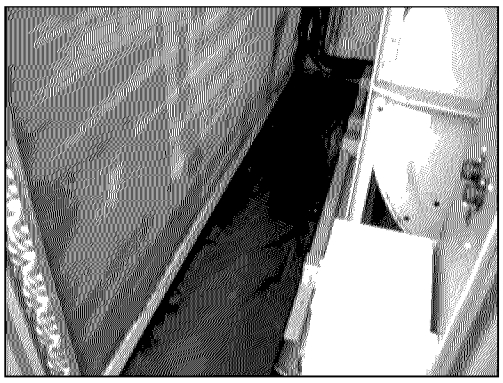
Photograph 16



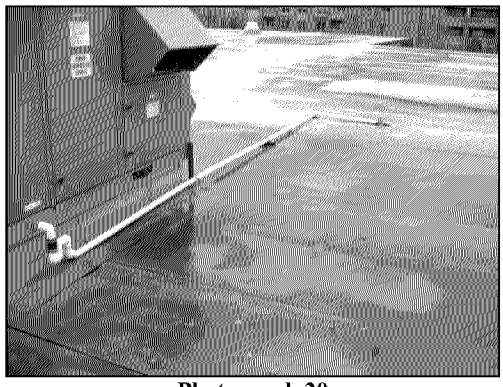
Photograph 17



Photograph 18



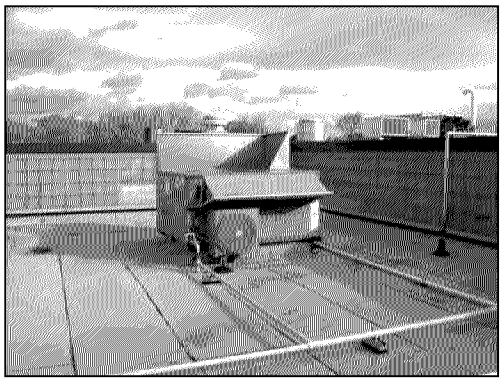
Photograph 19



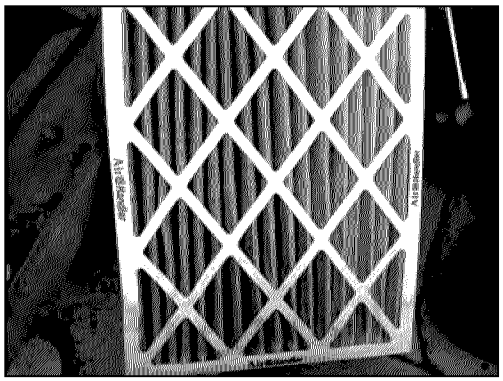
Photograph 20

RTU-7

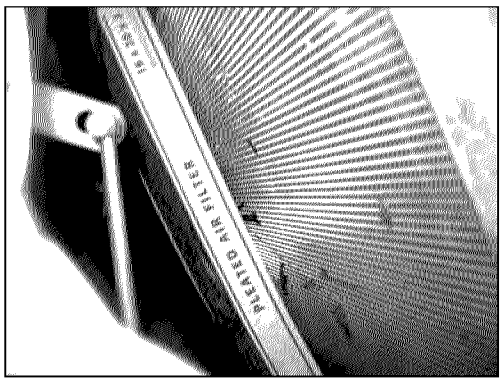
RTU-7's air intake location was free of potential pollutant sources (Photograph 21). The pest screen was in place and intact. The unit's dampers were clean with no significant dust/dirt accumulation. The unit's pleated filters were lightly loaded and appeared to have minor water staining present (Photograph 22). The unit's cooling coils and condensate pan were clean with no significant dust/dirt buildup and no bioaccumulation was noted (Photographs 23). The condensate drain line was not properly connected to the extension PVC pipe and appeared to have leaf build-up present within the drain (Photograph 24). The condensate drain line is attached to an extension PVC pipe, which drains into a roof drain. The roof drain was free from debris buildup. The supply fan was not accessible during the time of the assessment.



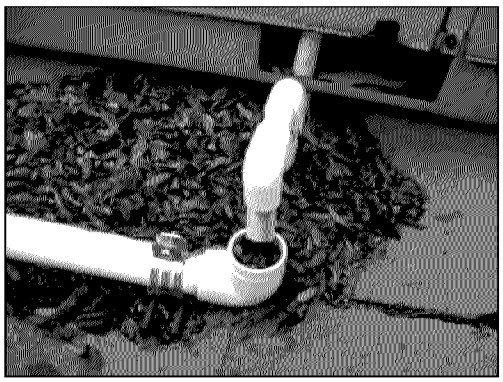
Photograph 21



Photograph 22



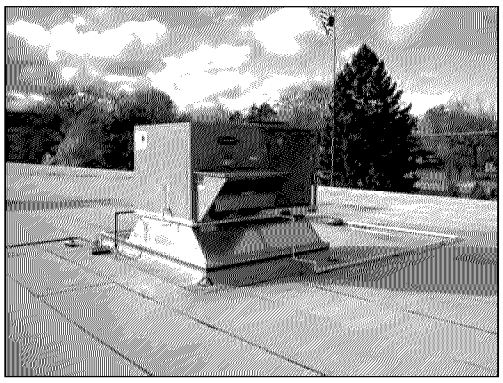
Photograph 23



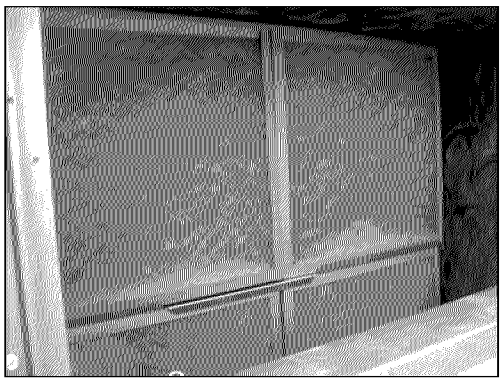
Photograph 24

RTU-8

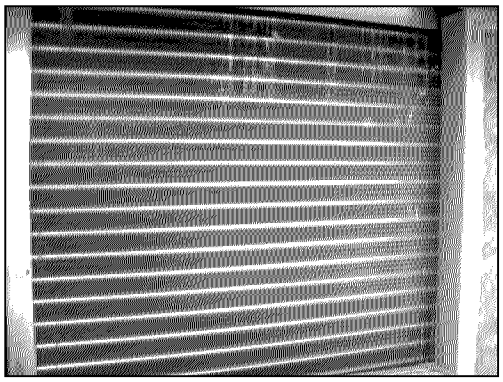
RTU-8's air intake location was free of potential pollutant sources (Photograph 25). The pest screen was in place and intact. The unit's dampers were clean with no significant dust/dirt accumulation. The unit's box filters were lightly loaded (Photograph 26). The unit's cooling coils and condensate pan were clean with no significant dust/dirt buildup and no bioaccumulation was noted (Photographs 27). The condensate drain line was intact and well connected to the exterior drainpipe. The condensate drain line is attached to an extension PVC pipe, which drains into a roof drain (Photograph 28). The roof drain was free from debris buildup. The supply fan was inaccessible during the time of the assessment.



Photograph 25



Photograph 26

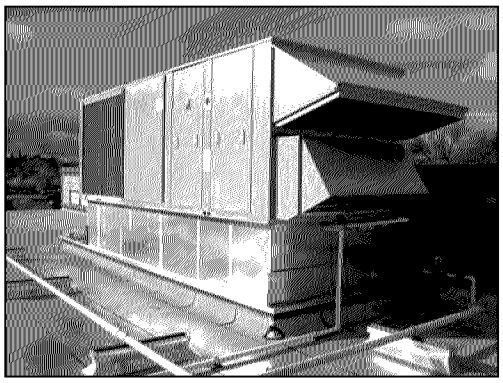


Photograph 27

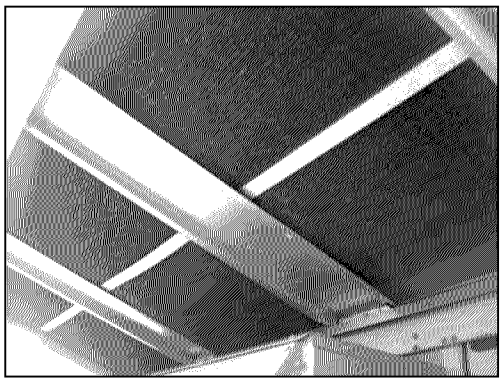
Photograph 28

RTU-11

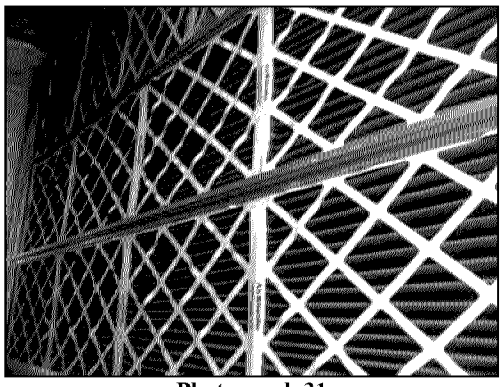
RTU-11's air intake location was free of potential pollutant sources (Photograph 29). The pest screen was in place and intact (Photograph 30). The unit's dampers were clean with no significant dust/dirt accumulation. The unit's pleated filters were lightly loaded (Photograph 31). The unit's cooling coils and condensate pan were clean with no significant dust/dirt buildup and no bioaccumulation was noted (Photographs 32 and 33, respectively). The condensate drain line was intact and well connected to the exterior drainpipe. The condensate drain line is attached to an extension PVC pipe, which drains into a roof drain (Photograph 34). The roof drain was free from debris buildup. The supply fan was also in good condition with no significant dirt accumulation.



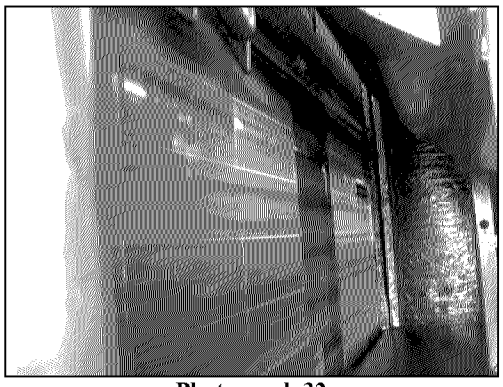
Photograph 29



Photograph 30

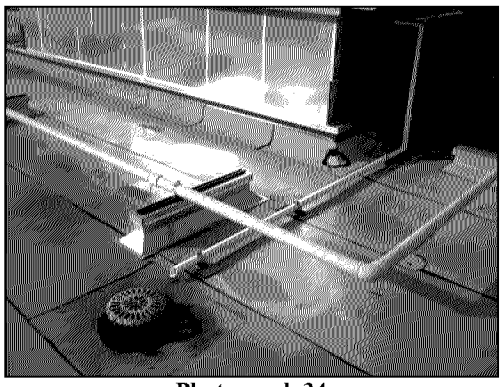


Photograph 31



Photograph 32

Photograph 33



Photograph 34

Air Monitoring

Methodology

Hygieneering collected relative humidity, temperature, carbon monoxide, and carbon dioxide measurements at air sample locations using a BW Technologies Gas Probe IAQ Monitor direct read instrument. Volatile organic compound measurements were also collected using a Rae Systems PPB Rae Photo-ionization detector direct read instrument. Air sampling was conducted on October 26, 2010.

Direct Read Measurement Results

Direct read measurement results and sampling location maps can be found in Attachment 1 and 2 respectively.

Temperature and Relative Humidity

Indoor air temperature and relative humidity are physical conditions important to occupant comfort. ASHRAE Standard 55-2004, Thermal Environmental Conditions for Human Occupancy, provides a graphical method for determining 80% occupant acceptability of temperature and relative humidity in a typical indoor environment (Figure 2). Temperature and relative humidity ranges for typical indoor environments are based on several factors including clothing coverage and activity levels of the occupants. The attached graph is based on typical office activity levels.

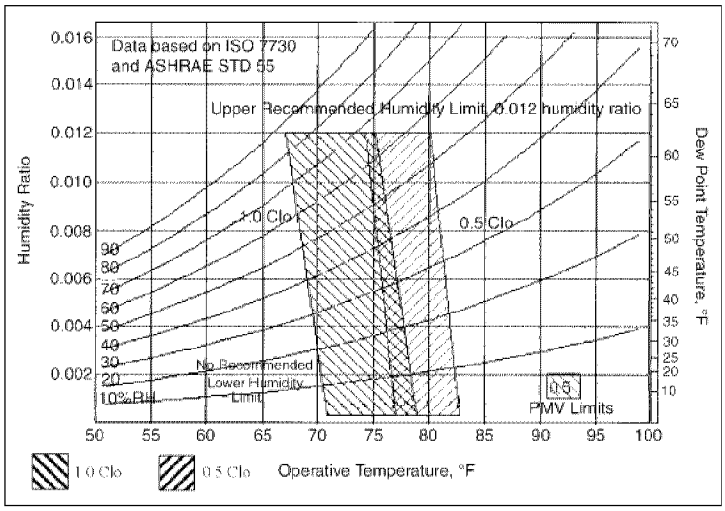
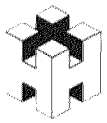


Figure 2: Acceptable range of operative temperature and humidity for typical indoor environments

The relative humidity level may affect the growth of mold and other microorganisms. ASHRAE Standard 62-1989, Ventilation Rates for Acceptable Indoor Air Quality, recommends relative humidity be maintained below 60 % to avoid the growth of microorganisms.

Ambient temperatures and relative humidity levels within the office areas ranged from 71.5 to 73.5°F and 37.2 to 53.0%, respectively. The readings fall within the acceptable range of operable temperature and humidity levels in the ASHRAE Standard 55-2004.



Carbon Dioxide

Carbon dioxide (CO_2) is a colorless and odorless gas that exists outdoors in concentrations generally near 350 to 450 ppm. In an indoor environment, the source of CO_2 is primarily human respiration. Indoor CO_2 levels are used as a surrogate to determine whether the amount of fresh, outside air being brought into the building is adequate.

Carbon dioxide concentrations within the building areas ranged from 517 to 771 ppm, within the ASHRAE guideline in all sampling locations.

Carbon Monoxide

Carbon monoxide (CO) is a colorless and odorless gas produced by combustion sources such as hot water heaters, boilers, propane powered vehicles, and vehicle exhaust, etc. Indoors, malfunctioning furnaces, flue pipe leakage, and vehicle exhaust gas infiltration commonly cause high levels of carbon monoxide. Health effects associated with high level exposures include dizziness, headache, nausea, and in severe cases, death.

Carbon monoxide levels within the office areas were below laboratory detection limits in all sampling locations and, therefore, below the NAAQS guideline of 9 ppm.

Carbon monoxide levels were below equipment detection limits in all indoor areas tested, therefore below the NAAQS guideline of 9 ppm and there were not indications of a significant CO source in the building.

Volatile Organic Compounds (VOCs)

Volatile organic compounds are released from dispersants and toners used in the photocopying process, interior building furnishings such as carpet, furniture, wall covering textiles and adhesives. Certain cleaning compounds or other solvent based products used within buildings usually contain hydrocarbon based products. VOCs can be irritants to the eyes, skin, respiratory system, and at high concentrations, can cause dizziness, headaches and adverse central nervous system effects. VOCs can be found in many common materials, including those of furnishings, consumer and/or office products, and construction materials.

VOCs were not detected in concentrations greater than 1ppm in any of the sample locations within the building.

CONCLUSIONS & RECOMMENDATIONS

Conclusion

Based upon an overall evaluation of the data and information collected; including discussions with staff, visual inspections of the building and ventilation systems, air monitoring: the facility is well maintained from an air quality perspective and should promote quality workplace and a comfortable and healthy environment for all. There were no significant poor IAQ risk factors identified concerning airborne contaminants or other potential serious IAQ issues. However, the following minor poor indoor air quality risk factors were noted:

- Hygieneering noted the condensate drainpipe was not properly connected to the PVC extension to air handling unit RTU-7. In addition, leaf accumulation was present within the drainpipe.
- Hygieneering noted water staining present on the pleated box filters located in air handling unit RTU-7.

General recommendations to address the minor issues noted above and to continue with a proactive approach toward air quality are presented below.

Recommendations

Recommendations for your consideration are listed below. The recommendations are listed in prioritized order of recommended action.

1. Ensure that the condensate drainpipe for air handling unit RTU-7 is well connected and the leaf obstruction is thoroughly cleaned out during the next preventative maintenance period to ensure proper water drainage.
2. Consider replacing the water stained pleated box filters within air handling unit RTU-7.
3. Continue to implement these annual Indoor Air Quality Assessments and proactively address any indoor air quality concerns.
4. Consider conducting a follow-up indoor air quality assessment if any building conditions or operating parameters change that may negatively impact the air quality of the facility. Common examples include significant renovations, changes to the ventilation system, large-scale abatement projects or significant additions in the occupancy level.

Report Applicability

Results of this assessment were based on conditions present and observations made at the time of this survey. Any changes in HVAC systems, occupancy, or environmental conditions may seriously alter the results of this or any other Indoor Air Quality Assessment.

If you have any questions concerning this study or require any further assistance, please feel free to contact us.

Respectfully Submitted,

Hygieneering, Inc.

Austin DeBaene
Health & Safety Consultant

David L. Zeidner, MS, CMR, WRT, LEED AP
Director of IAQ & Emergency Response Services

John Feller, CIH, CSP
Vice President

APPENDIX A

DIRECT READ AIR SAMPLING DATA

Hygieneering, Inc.
industrial hygiene, safety and environmental consulting services

Industrial Hygiene Air Sampling Data

Client: W.W. Grainger, Inc. **Date:** October 26, 2010

Proj. # 2010 – 4109 **Location:** 1657 Shermer Road, Northbrook, IL 60062

Direct Read Measurements

Location	Time	Carbon Dioxide (ppm)	Relative Humidity (%)	Temperature (°F)	Carbon Monoxide (ppm)	VOC (ppm)	Comments/ Occupants
Office Southeast Cubicle #1	10:08 a.m.	573	49.2	71.5	ND	<1.00	8
	11:15 a.m.	571	41.7	73.2	ND	<1.00	8
	1:00 p.m.	548	38.0	72.2	ND	<1.00	8
Office Southwest Cubicle #2	10:10 a.m.	622	47.6	71.5	ND	<1.00	5
	11:17 a.m.	583	40.4	72.9	ND	<1.00	0
	1:02 p.m.	582	37.0	72.0	ND	<1.00	0
Office Southwest Cubicle #3	10:12 a.m.	758	48.3	71.7	ND	<1.00	4
	11:19 a.m.	588	46.5	73.3	ND	<1.00	6
	1:04 p.m.	571	37.5	72.4	ND	<1.00	6
Office Southwest Cubicle #4	10:14 a.m.	593	48.5	72.1	ND	<1.00	6
	11:21 a.m.	577	46.6	73.5	ND	<1.00	7
	1:06 p.m.	613	37.7	72.6	ND	<1.00	7
Office Northeast Cubicle #5	10:16 a.m.	550	46.6	72.2	ND	<1.00	5
	11:23 a.m.	569	40.9	73.2	ND	<1.00	8
	1:08 p.m.	574	37.2	72.4	ND	<1.00	8
Office Northeast Cubicle #6	10:18 a.m.	537	46.2	72.0	ND	<1.00	0
	11:25 a.m.	550	40.0	72.8	ND	<1.00	1
	1:10 p.m.	771	37.4	72.5	ND	<1.00	1
Office Northwest Cubicle #7	10:20 a.m.	517	47.3	72.5	ND	<1.00	6
	11:27 a.m.	531	42.9	73.2	ND	<1.00	6
	1:12 p.m.	550	38.1	72.4	ND	<1.00	5
Cafeteria #8	10:22 a.m.	566	51.7	72.6	ND	<1.00	8
	11:29 a.m.	588	45.2	73.5	ND	<1.00	10+
	1:14 p.m.	560	39.7	73.0	ND	<1.00	10+
G46 Cubicle #9	10:24 a.m.	617	49.5	72.6	ND	<1.00	10+
	11:31 a.m.	582	43.8	73.5	ND	<1.00	10+
	1:16 a.m.	620	39.2	72.8	ND	<1.00	10+

ND= None Detected

ASHRAE Guideline:
Carbon Dioxide max = outdoor + 700 ppm

EPA NAAQS
Carbon Monoxide: 9ppm

Volatile Organic Compounds – Screening for Active Source >1ppm

Measurements Obtained With: BW Technologies GasProbe IAQ Monitor and Rae Systems ppbRae PID

Hygieneering, Inc.
industrial hygiene, safety and environmental consulting services

Industrial Hygiene Air Sampling Data

Client: W.W. Grainger, Inc. **Date:** October 26, 2010

Proj. # 2010 – 4109 **Location:** 1657 Shermer Road, Northbrook, IL 60062

Direct Read Measurements

Location	Time	Carbon Dioxide (ppm)	Relative Humidity (%)	Temperature (°F)	Carbon Monoxide (ppm)	VOC (ppm)	Comments/ Occupants
Cubicle #10	10:26 a.m.	728	52.6	72.7	ND	<1.00	7
	11:33 a.m.	591	46.0	73.2	ND	<1.00	8
	1:18 p.m.	593	39.8	72.8	ND	<1.00	8
Cubicle #11	10:28 a.m.	672	53.0	72.9	ND	<1.00	8
	11:35 a.m.	670	47.6	73.2	ND	<1.00	8
	1:20 p.m.	655	40.4	72.8	ND	<1.00	8
Cubicle #12	10:30 a.m.	732	51.5	72.6	ND	<1.00	0
	11:37 a.m.	681	47.4	72.4	ND	<1.00	0
	1:22 p.m.	683	44.2	72.6	ND	<1.00	0
Cubicle #13	10:32 a.m.	573	46.9	72.6	ND	<1.00	10+
	11:39 a.m.	566	43.4	72.6	ND	<1.00	10+
	1:24 p.m.	626	40.2	72.3	ND	<1.00	10+
Training Room #14	10:34 a.m.	590	49.2	72.7	ND	<1.00	0
	11:41 a.m.	598	46.7	72.6	ND	<1.00	0
	1:26 p.m.	630	41.7	72.5	ND	<1.00	0
Corridor #15	10:36 a.m.	537	45.6	73.3	ND	<1.00	6
	11:43 a.m.	519	40.7	71.9	ND	<1.00	1
	1:28 p.m.	618	37.3	72.1	ND	<1.00	1
Outside	10:45 a.m.	484	53.3	63.8	ND	<1.00	-
	11:50 a.m.	472	54.8	60.2	ND	<1.00	-
	1:45 p.m.	490	48.0	57.3	ND	<1.00	-

ND= None Detected

ASHRAE Guideline:
Carbon Dioxide max = outdoor + 700 ppm

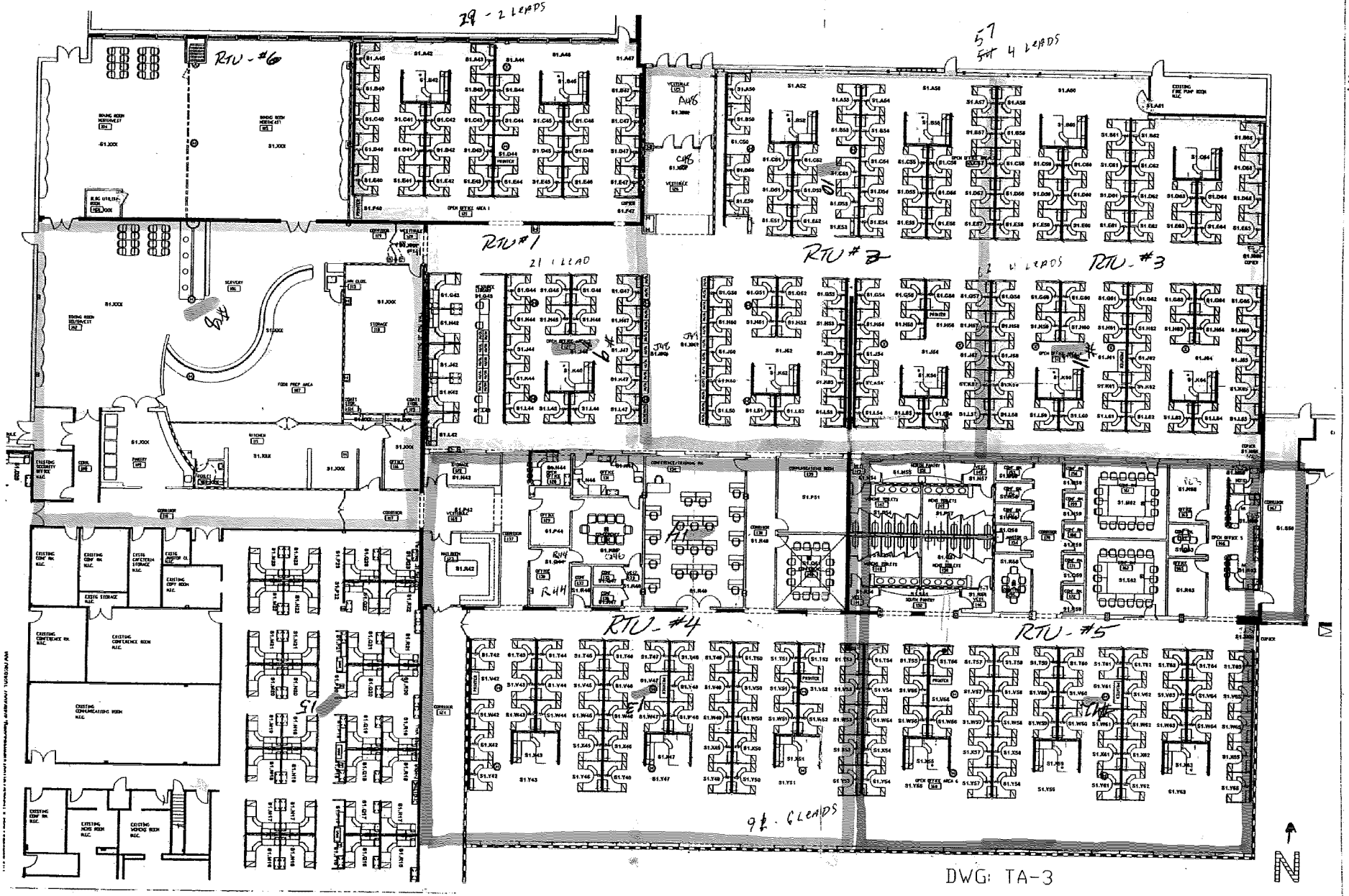
EPA NAAQS
Carbon Monoxide: 9ppm

Volatile Organic Compounds – Screening for Active Source >1ppm

Measurements Obtained With: BW Technologies GasProbe IAQ Monitor and Rae Systems ppbRae PID

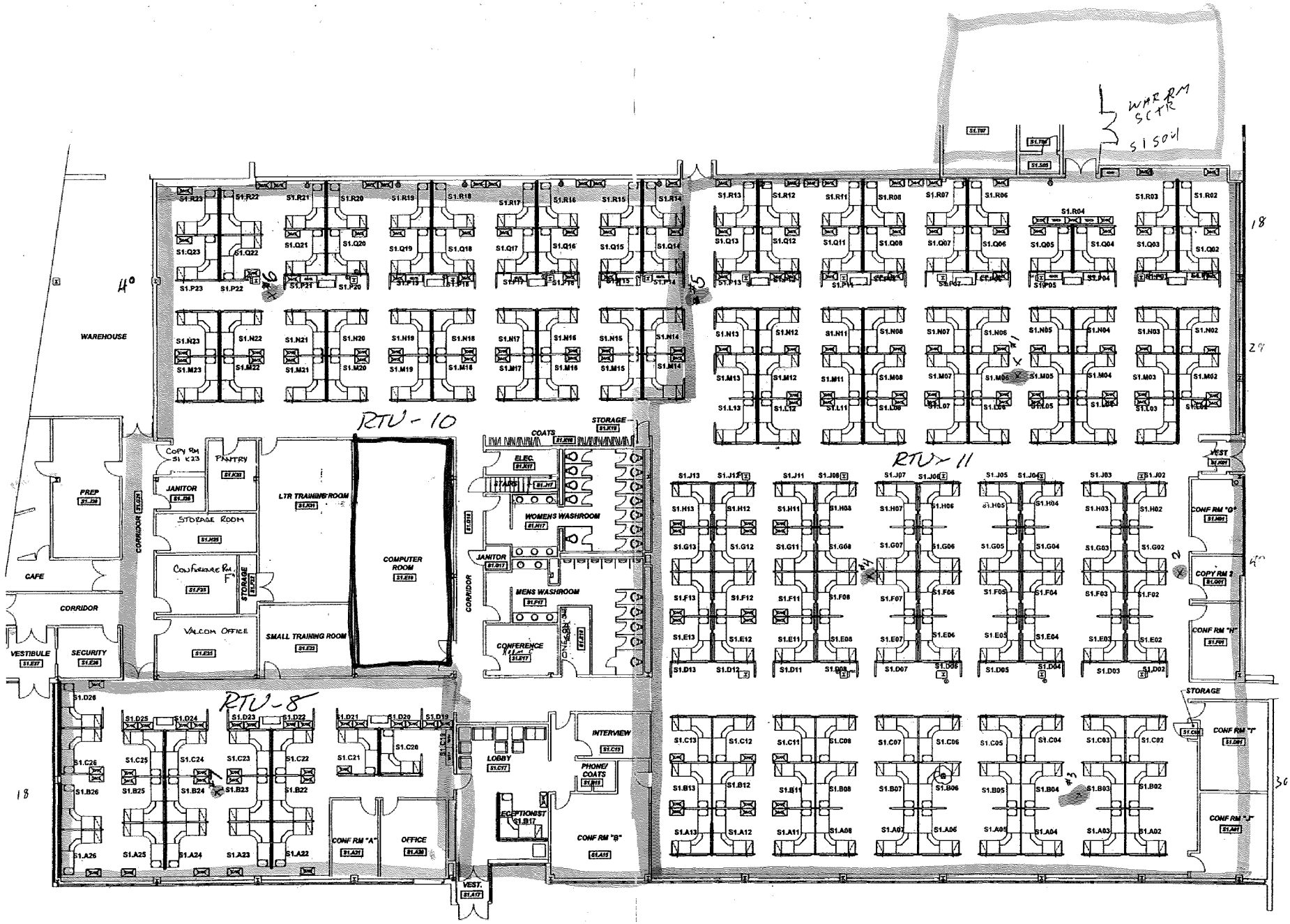
APPENDIX B

SAMPLE LOCATION FLOOR PLANS



322

260 WRK STATIONS
17 LEAD WRK ST.
5 OFFICES


WAREHOUSE
RTU-10
RTU-11
RTU-8
COPY RM S1.K23
PANTRY
JANITOR
STORAGE ROOM
LTR TRAINING ROOM
COMPUTER ROOM
CONFERENCE RM F
VALCOM OFFICE
SMALL TRAINING ROOM
PREP
CAFE
CORRIDOR
VESTIBULE
SECURITY
COATS
ELEC.
WOMENS WASHROOM
JANITOR
MENS WASHROOM
CONFERENCE
STORAGE
LOBBY
INTERVIEW
PHONE/ COATS
RECEPTIONIST
CONF RM "A"
OFFICE
CONF RM "B"
VEST.
VEST
CONF RM "G"
COPY RM 2
CONF RM "H"
STORAGE
CONF RM "I"
CONF RM "J"

Terracon

April 11, 2016

W.W. Grainger, Inc.
100 Grainger Parkway
Lake Forest, Illinois 60045

Attn: Mr. Joe Postelnick
E: Joseph.Postelnick@grainger.com

Re: **Environmental Soil Evaluation**
Grainger Parking Addition
1657 Shermer Road
Northbrook, Illinois
Terracon Project Number: 11167061

Dear Mr. Postelnick:

W.W. Grainger, Inc. requested that Terracon Consultants, Inc. (Terracon) evaluate on-site soils associated with proposed development activities at the W.W. Grainger facility located at 1657 Shermer Road in Northbrook, Illinois (the "site"). This evaluation was performed in general accordance with Terracon proposal number P11167061R, dated March 10, 2016, and a Change Order, dated March 30, 2016.

The purpose of the evaluation was to assess for the potential presence of impact that would render the soil/fill ineligible for placement at a Clean Construction or Demolition Debris (CCDD) facility or at an Uncontaminated Soil Fill Operation (USFO). The evaluation included the collection of soil samples for field screening and laboratory analysis to satisfy Illinois Environmental Protection Agency (IEPA) requirements, in accordance with Public Act 097-0137 and the Title 35 Illinois Administrative Code (35 IAC) Part 1100 regulations. The overall project objective was to provide for the completion of an *Uncontaminated Soil Certification* by a Licensed Professional Engineer or Licensed Professional Geologist.

1.0 INTRODUCTION

Based on information provided by Mr. Joe Pozzi, Real Estate Project Manager at W. W. Grainger, Terracon understands that the proposed project will include excavations associated with construction of a new parking lot in a grassy area west of the existing building. The work will include excavation of soils from the following areas and approximate depths (below ground surface [bgs]): proposed underground storm water detention basin, up to 5 feet bgs; and, shallow soils beneath the proposed pavement, up to 2 foot bgs. Mr.Pozzi was not aware of known or suspected environmental conditions at the site (if any).

Based on information provided, Terracon understands that the excavation activities will result in the generation of approximately 3,100 cubic yards of soil for off-site disposal (i.e., 2,100 cubic yards from the detention basin and 1,000 cubic yards from the paved areas).

1.1 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal.

1.2 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this evaluation. **If these conditions arise during the course of this project, you should halt excavation activities and the suspect soil/fill should be re-evaluated to determine the appropriate soil/fill disposal options.** Subsurface conditions may vary from those encountered at specific borings; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.3 Reliance

This report has been prepared for the exclusive use of W.W. Grainger, Inc. and any authorization for use or reliance by any other party is prohibited without the express written authorization of

W.W. Grainger, Inc. and Terracon. Reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, report, and Terracon's agreement for services. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to W.W. Grainger, Inc. and all relying parties unless otherwise agreed in writing.

2.0 CLIENT PROVIDED AND READILY AVAILABLE INFORMATION

W.W. Grainger, Inc. did not provide information on environmental conditions at the site. However, Terracon reviewed the readily available IEPA Bureau of Land Site Remediation Program (SRP) and Leaking Underground Storage Tank (LUST) on-line environmental databases. A search of these databases indicated a fuel oil LUST incident at the 1657 Shermer Road address on June 12, 1991. A No Further Remediation (NFR) letter was issued for the incident on February 27, 2009. Follow up information provided by Grainger indicated this tank was formerly located approximately 100 feet east of the southeast corner of the building and the proposed excavation area.

3.0 SAMPLE COLLECTION

On March 17, 2016, a Terracon environmental field representative mobilized to the site to collect samples of the existing soils in the reported area of the proposed excavation. The samples were collected using hand auger methods. A total of six (6) sample locations were evaluated. This included three locations (B-1, B-2 and B-3) to a depth of 5 feet bgs in the area of the proposed sub grade storm water detention basin. In addition, three locations (B-4, B-5 and B-6) were advanced to a depth of 2 feet bgs in the area of the proposed pavement grading. The sample locations are depicted on the attached Sample Location Diagram (based on a proposed excavation plan provided by Grainger).

Soil samples were observed for visual/olfactory indications of potential impact and were screened with a photoionization detector (PID). The PID cannot identify or quantify specific components and the readings are expressed in units of parts per million (ppm), relative to an isobutylene standard. The field screening was used to provide an indication of the potential presence of volatile constituents and to aid in the selection of samples for laboratory analysis.

The soils recovered from the sample/boring locations did not exhibit visual or olfactory indications to suggest impact (e.g., staining, unusual odors). Elevated PID readings were not identified. The soil types encountered consisted of topsoil and silty clay.

As stated previously, the proposed development will result in the generation of approximately 3,100 cubic yards of soil for off-site disposal[1]. Based on this information, a total of three (3)

[1] *General practice is to analyze at least one soil sample for each 1,000 cubic yards of materials to be exported.*

discrete soil samples were collected for analysis, as follows: HA-1, 0-5 feet bgs: HA-3, 0-5 feet[2] bgs; and, HA-6, 0-2 bgs.

The samples were submitted to First Environmental Laboratories of Naperville, Illinois (an IEPA-accredited laboratory), under standard chain-of-custody protocols. The samples were analyzed, using United States Environmental Protection Agency (USEPA) SW-846 methods, for the following: volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), 22 Target Analyte List metals, cyanide, and pH. In addition, the samples were also analyzed for iron using the toxicity characteristic leaching procedure (TCLP). Based on the laboratory analytical results (discussed below), the sample from HA-1 was also analyzed for TCLP chromium.

An additional composite sample of soil from the noted locations was also collected and submitted for potential waste characterization sampling. This sample was submitted to the laboratory and placed on hold. This waste characterization sample was not analyzed.

4.0 SUPPLEMENTAL SAMPLING

Based on the laboratory analytical results (discussed below) and as approved by Grainger, Terracon re-mobilized to the site on April 1, 2015 to collect supplemental samples. The purpose of this supplemental sampling was to delineate the arsenic and chromium level noted at HA-3. This included advancing two hand auger borings within the detention basin area: HA-7 (to the north of HA-1), and HA-8 (to the east HA-7).

A sample from HA7 was submitted to First Environmental Laboratories and analyzed for arsenic, chromium and TCLP chromium. The sample from HA-8 was submitted and placed on hold. Based on the HA-7 results, the sample from HA-8 was not analyzed.

5.0 LABORATORY ANALYTICAL RESULTS

Laboratory analytical results were compared to the Maximum Allowable Concentrations (MACs) and acceptable pH range (6.25 to 9.0 units), as outlined in the 35 IAC Part 1100 regulations[3]. The soil analytical results are summarized in Table 1 attached to this report. The laboratory analytical report is also provided as an attachment to this report.

The analytical results did not indicate the presence of the majority of the analytes. Most analytical results were reported as not detected at their respective reporting limits. Selected analytes were noted in the sample (i.e., polynuclear aromatics [PNAs] and metals). However, the observed

[2] *The sample was inadvertently labelled "0-0", the sample was collected from the 0-5 foot bgs interval.*
[3] *The MACs are based on the Tiered Approach to Corrective Action Objectives (TACO) Tier 1 Soil Remediation Objectives (35 IAC Part 742).*

concentrations are below the applicable MAC comparison standards, with the exception of following.

- Benzo(a)pyrene: HA-3, HA-6 (Exceeds MAC value for facilities located in a non-MSA area, but meets MAC value for facilities located in an MSA county/populated area)
- Total arsenic: HA-3
- Total iron: HA-1,HA-3, HA-6
- Total chromium: HA-1, HA-3

The pH values were within the acceptable range.

The 35 IAC Part 1100 regulations provide for the use of either total, or TCLP results in evaluating inorganic constituents (i.e., metals). Accordingly, the iron and chromium (at HA-1 and HA-7 only)[4] detections were further evaluated using the TCLP extraction methodologies to determine the leachable concentrations of these constituents. The TCLP iron and chromium results were within allowable values.

In summary, the total and/or TCLP analytical results indicated the following, with respect to IEPA established MACs (total concentrations) or allowed leachable concentration criteria:

- Samples indicating compliance for CCDD facilities located in MSA counties/populated areas and Chicago: HA-1, HA-6 and HA-7
- Samples not indicating compliance, regardless of CCDD location: HA-3.

6.0 CONCLUSIONS

Terracon conducted an environmental evaluation of soil proposed to be removed from the project area. Proposed site work includes excavation associated with pavement and an underground storm water detention basin.

Based on the analytical testing of the soil samples, with the exception of the soils represented by sample HA-3, the soils proposed for excavation from the site from the noted locations are suitable for placement at a CCDD facility located in an MSA county (including the City of Chicago)/populated area. An IEPA Uncontaminated Soil Certification Form (LPC-663) is attached.

Please note that when a CCDD facility is decided by the contractor, the certification needs to be

[4] *The total arsenic value at HA-3 exceeds the MAC. Using the TCLP method to demonstrate compliance is not allowed for arsenic. Accordingly, the soils at HA-3 are not eligible for CCDD disposal and TCLP chromium analysis of sample HA-3 is not warranted.*

submitted to the CCDD facility to obtain an approval prior to the spoil transportation. Once the spoil is transported to the CCDD facility, the facility personnel may conduct load checks, including monitoring using their own PID, and they may reject a load(s) based on their PID readings even if prior approval was obtained.

Terracon understands that the HA-3 area will include excavation for an underground storm water detention basin. Soils excavated in the area around the HA-3 location, as depicted on the attached diagram, are considered not acceptable for disposal at a CCDD facility and are not included in the certification. If off-site disposal of these soils is required for site development they should be disposed at a non-CCDD facility, such as a landfill (pending facility review and approval). Terracon suggests that the soil data be provided to the proposed disposal facility. Each facility typically has site-specific requirements to assess the acceptability of the soil for disposal.

Terracon appreciates the opportunity to be of service to WW Grainger. If you have any questions or comments pertaining to the material presented herein, please contact the undersigned at [630] 717-4263.

Sincerely,
Terracon Consultants, Inc.

Michael G. Roche, P.G.
Senior Project Manager

Linda Yang, P.G.
Senior Principal

cc: Mark Dudasik, Pepper Construction

Attachments: Sample Location Diagram
Table 1 and Laboratory Analytical Reports
IEPA CCDD Form (LPC-663)

APPENDIX A

SAMPLE LOCATION DIAGRAM

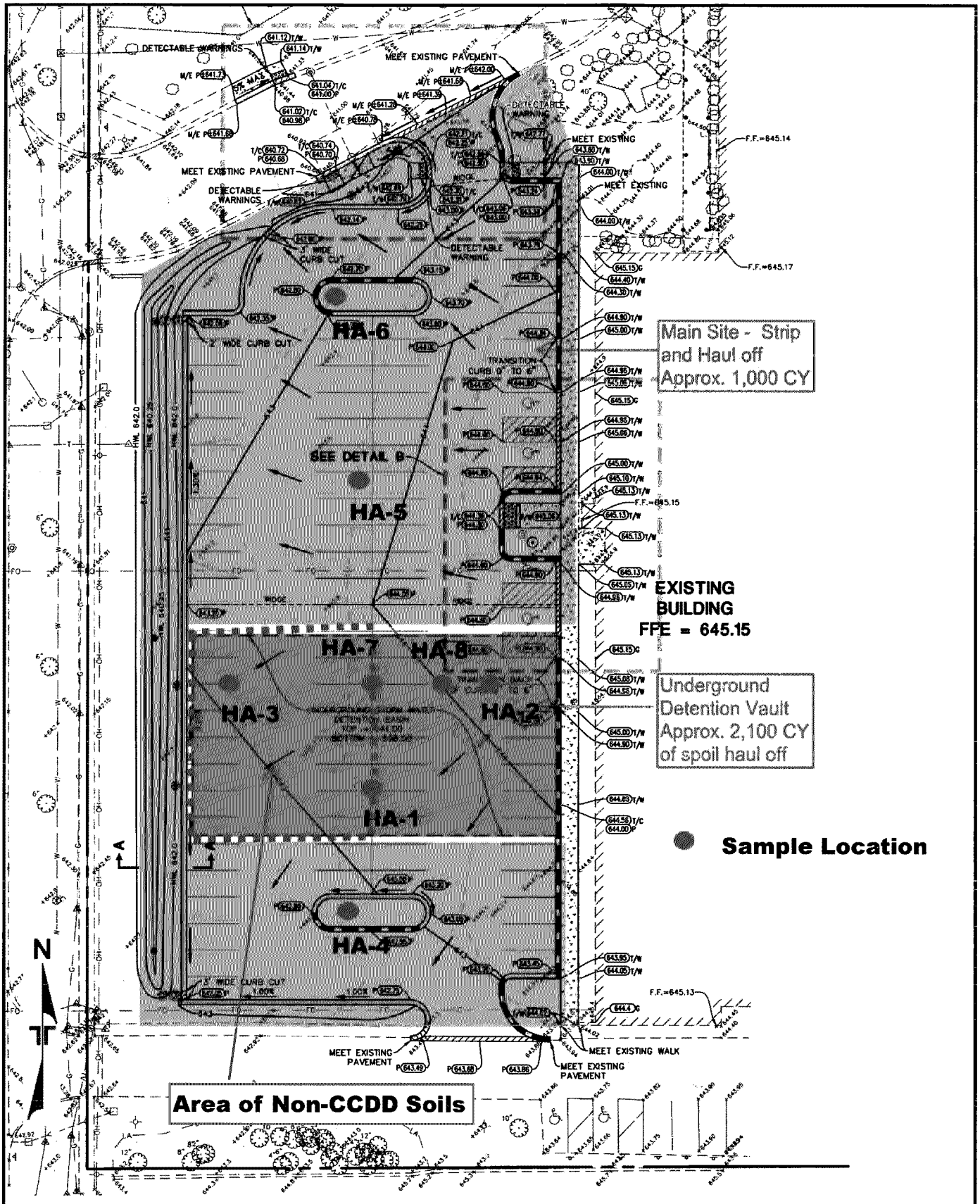


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

BASED ON PROVIDED PLAN BY MANHARD CONSULTING LTD

Project Manager: MGR	Project No. 11167061	Terracon 135 Ambassador Drive Naperville, Illinois 60540	SAMPLE LOCATION DIAGRAM	Exhibit
Drawn by: MGR	Scale: AS SHOWN		W.W. Grainger 1657 Shermer Road Northbrook, Illinois	1
Checked by: MGR	File Name: Sample Plan			
Approved by: CY	Date: April 2016			

APPENDIX B

TABLE,
LABORATORY ANALYTICAL REPORT
and
CHAIN-OF-CUSTODY RECORD

Table 1 - Soil Analytical Results
Environmental Soil Evaluation
Grainger Parking Addition
1657 Shermer Road
Northbrook, Illinois
Terracon Project No. 11167061

	Sample Location/Identification		Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values	Maximum Allowable Concentration	HA-1	HA-3	HA-6	HA-7
	Date Collected		Occupants		Construction Workers	Background			3/17/2016	3/17/2016	3/17/2016	4/1/2016
	Units		Ingestion	Inhalation	Inhalation	MSAs	Class I		0-5 feet	0-5 feet	0-2 feet	0-5 feet
Volatile Organic Analytical Parameters												
71-55-6	1,1,1-Trichloroethane	mg/kg	---	1200	---	---	2	2	<0.005	<0.005	<0.005	--
79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	4700	2000	---	---	3.3	3.3	<0.005	<0.005	<0.005	--
79-00-5	1,1,2-Trichloroethane	mg/kg	310	1800	---	---	0.02	0.02	<0.005	<0.005	<0.005	--
75-34-3	1,1-Dichloroethane	mg/kg	7800	1300	130	---	23	23	<0.005	<0.005	<0.005	--
75-35-4	1,1-Dichloroethene	mg/kg	3900	290	3	---	0.06	0.06	<0.005	<0.005	<0.005	--
107-06-2	1,2-Dichloroethane	mg/kg	7	0.4	---	---	0.02	0.02	<0.005	<0.005	<0.005	--
78-87-5	1,2-Dichloropropane	mg/kg	9	15	0.5	---	0.03	0.03	<0.005	<0.005	<0.005	--
542-75-6	1,3-Dichloropropene (cis + trans)	mg/kg	6.4	1.1	0.39	---	0.004	0.005	<0.004	<0.004	<0.004	--
78-93-3	2-Butanone	mg/kg	47000	25000	710	---	17	17	<0.1	<0.1	<0.1	--
591-78-6	2-Hexanone	mg/kg	3100	70	0.72	---	1.3	0.72	<0.01	<0.01	<0.01	--
108-10-1	4-Methyl-2-pentanone	mg/kg	---	3100	340	---	2.5	2.5	<0.01	<0.01	<0.01	--
67-64-1	Acetone	mg/kg	70000	100000	---	---	25	25	<0.2	<0.2	<0.2	--
71-43-2	Benzene	mg/kg	12	0.8	---	---	0.03	0.03	<0.005	<0.005	<0.005	--
75-27-4	Bromodichloromethane	mg/kg	10	3000	---	---	0.6	0.6	<0.005	<0.005	<0.005	--
75-25-2	Bromoform	mg/kg	81	53	---	---	0.8	0.8	<0.005	<0.005	<0.005	--
74-83-9	Bromomethane	mg/kg	110	10	3.9	---	0.2	0.2	<0.01	<0.01	<0.01	--
75-15-0	Carbon Disulfide	mg/kg	7800	720	9	---	32	9	<0.005	<0.005	<0.005	--
56-23-5	Carbon Tetrachloride	mg/kg	5	0.3	---	---	0.07	0.07	<0.005	<0.005	<0.005	--
108-90-7	Chlorobenzene	mg/kg	1600	130	1.3	---	1	1	<0.005	<0.005	<0.005	--
75-00-3	Chloroethane	mg/kg	31000	1500	94	---	15	15	<0.01	<0.01	<0.01	--
67-66-3	Chloroform	mg/kg	100	0.3	---	---	0.6	0.3	<0.005	<0.005	<0.005	--
74-87-3	Chloromethane	mg/kg	310	110	1.1	---	0.14	0.14	<0.01	<0.01	<0.01	--
156-59-2	cis-1,2-Dichloroethene	mg/kg	780	1200	---	---	0.4	0.4	<0.005	<0.005	<0.005	--
124-48-1	Dibromochloromethane	mg/kg	1600	1300	---	---	0.4	0.4	<0.005	<0.005	<0.005	--
100-41-4	Ethylbenzene	mg/kg	7800	400	58	---	13	13	<0.005	<0.005	<0.005	--
1634-04-4	Methyl Tertiary-Butyl Ether	mg/kg	780	8800	140	---	0.32	0.32	<0.005	<0.005	<0.005	--
75-09-2	Methylene Chloride	mg/kg	85	13	---	---	0.02	0.02	<0.02	<0.02	<0.02	--
100-42-5	Styrene	mg/kg	16000	1500	430	---	4	4	<0.005	<0.005	<0.005	--
127-18-4	Tetrachloroethene	mg/kg	12	11	---	---	0.06	0.06	<0.005	<0.005	<0.005	--
108-88-3	Toluene	mg/kg	16000	650	42	---	12	12	<0.005	<0.005	<0.005	--
156-60-5	trans-1,2-Dichloroethene	mg/kg	1600	3100	---	---	0.7	0.7	<0.005	<0.005	<0.005	--
79-01-6	Trichloroethene	mg/kg	58	5	---	---	0.06	0.06	<0.005	<0.005	<0.005	--
75-01-4	Vinyl Chloride	mg/kg	0.46	0.28	---	---	0.01	0.01	<0.01	<0.01	<0.01	--
1330-20-7	Xylenes (total)	mg/kg	16000	320	5.6	---	150	5.6	<0.005	<0.005	<0.005	--

Table 1 - Soil Analytical Results
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	Sample Location/Identification		Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values	Maximum Allowable Concentration	HA-1	HA-3	HA-6	HA-7
	Date Collected		Occupants		Construction Workers	Background			3/17/2016	3/17/2016	3/17/2016	4/1/2016
	Units		Ingestion	Inhalation	Inhalation	MSAs	Class I		0-5 feet	0-5 feet	0-2 feet	0-5 feet
Semivolatile Organic Analytical Parameters												
83-32-9	Acenaphthene	mg/kg	4700	---	---	0.13	570	570	<0.33	<0.33	<0.33	–
208-96-8	Acenaphthylene	mg/kg	2300	---	---	0.07	85	85	<0.33	<0.33	<0.33	–
120-12-7	Anthracene	mg/kg	23000	---	---	0.4	12000	12000	<0.33	<0.33	<0.33	–
56-55-3	Benzo(a)anthracene	mg/kg	0.9	---	---	1.8	2	0.9[1]	<0.33	<0.33	<0.33	–
								0.9[2]	<0.33	<0.33	<0.33	–
								1.8[3]	<0.33	<0.33	<0.33	–
								1.1[4]	<0.33	<0.33	<0.33	–
50-32-8	Benzo(a)pyrene	mg/kg	0.09	---	---	2.1	8	0.09[1]	<0.09	0.11	0.092	–
								0.98[2]	<0.09	0.11	0.092	–
								2.1[3]	<0.09	0.11	0.092	–
								1.3[4]	<0.09	0.11	0.092	–
205-99-2	Benzo(b)fluoranthene	mg/kg	0.9	---	---	2.1	5	0.9[1]	<0.33	<0.33	<0.33	–
								0.9[2]	<0.33	<0.33	<0.33	–
								2.1[3]	<0.33	<0.33	<0.33	–
								1.5[4]	<0.33	<0.33	<0.33	–
191-24-2	Benzo(g,h,i)perylene	mg/kg	2300	---	---	1.7	27000	2300	<0.33	<0.33	<0.33	–
207-08-9	Benzo(k)fluoranthene	mg/kg	9	---	---	1.7	49	9	<0.33	<0.33	<0.33	–
218-01-9	Chrysene	mg/kg	88	---	---	2.7	160	88	<0.33	<0.33	<0.33	–
53-70-3	Dibenzo(a,h)anthracene	mg/kg	0.09	---	---	0.42	2	0.09[1]	<0.09	<0.09	<0.09	–
								0.15[2]	<0.09	<0.09	<0.09	–
								0.42[3]	<0.09	<0.09	<0.09	–
								0.20[4]	<0.09	<0.09	<0.09	–
206-44-0	Fluoranthene	mg/kg	3100	---	---	4.1	4300	3100	<0.33	<0.33	<0.33	–
86-73-7	Fluorene	mg/kg	3100	---	---	0.18	560	560	<0.33	<0.33	<0.33	–
193-39-5	Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	---	1.6	14	0.9[1]	<0.33	<0.33	<0.33	–
								0.9[2]	<0.33	<0.33	<0.33	–
								1.6[3]	<0.33	<0.33	<0.33	–
								0.9[4]	<0.33	<0.33	<0.33	–
91-57-6	2-Methylnaphthalene	mg/kg	310	---	---	0.14	7.2	7.2	<0.33	<0.33	<0.33	–
91-20-3	Naphthalene	mg/kg	1600	170	1.8	0.2	12	1.8	<0.33	<0.33	<0.33	–
85-01-8	Phenanthrene	mg/kg	2300	---	---	2.5	200	200	<0.33	<0.33	<0.33	–
129-00-0	Pyrene	mg/kg	2300	---	---	3	4200	2300	<0.33	<0.33	<0.33	–
120-82-1	1,2,4-Trichlorobenzene	mg/kg	780	3200	920	---	5	5	<0.33	<0.33	<0.33	–
95-50-1	1,2-Dichlorobenzene	mg/kg	7000	560	310	---	17	17	<0.33	<0.33	<0.33	–
541-73-1	1,3-Dichlorobenzene	mg/kg	70	570	---	---	0.2	0.2	<0.33	<0.33	<0.33	–
106-46-7	1,4-Dichlorobenzene	mg/kg	---	11000	340	---	2	2	<0.33	<0.33	<0.33	–
108-60-1	2,2'-oxybis (1-chloropropane)	mg/kg	3100	1300	---	---	2.4	2.4	<0.33	<0.33	<0.33	–
95-95-4	2,4,5-Trichlorophenol	mg/kg	7800	---	---	---	26	26	<0.33	<0.33	<0.33	–
88-06-2	2,4,6-Trichlorophenol	mg/kg	58	200	---	---	0.07 (0.66)	0.66	<0.33	<0.33	<0.33	--
120-83-2	2,4-Dichlorophenol	mg/kg	230	---	---	---	0.48	0.48	<0.33	<0.33	<0.33	--
105-67-9	2,4-Dimethylphenol	mg/kg	1600	---	---	---	9	9	<0.33	<0.33	<0.33	–

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	Sample Location/Identification		Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values	Maximum Allowable Concentration	HA-1	HA-3	HA-6	HA-7
	Date Collected		Occupants		Construction Workers	Background			3/17/2016	3/17/2016	3/17/2016	4/1/2016
		Units	Ingestion	Inhalation	Inhalation	MSAs	Class I		0-5 feet	0-5 feet	0-2 feet	0-5 feet
51-28-5	2,4-Dinitrophenol	mg/kg	160	---	---	---	0.2	3.3	<1.6	<1.6	<1.6	--
121-14-2	2,4-Dinitrotoluene	mg/kg	0.9	---	---	---	0.0008 (0.25)	0.25	<0.25	<0.25	<0.25	--
606-20-2	2,6-Dinitrotoluene	mg/kg	0.9	---	---	---	0.0007 (0.26)	0.26	<0.26	<0.26	<0.26	--
91-58-7	2-Chloronaphthalene	mg/kg	6300	---	---	---	49	49	<0.33	<0.33	<0.33	--
95-57-8	2-Chlorophenol	mg/kg	390	53000	---	---	1.5	1.5	<0.33	<0.33	<0.33	--
95-48-7	2-Methylphenol	mg/kg	3900	---	---	---	15	15	<0.33	<0.33	<0.33	--
88-74-4	2-Nitroaniline	mg/kg	230	35	3.6	---	0.14	0.14	<1.6	<1.6	<1.6	--
88-75-5	2-Nitrophenol	mg/kg	---	---	---	---	---	---	<1.6	<1.6	<1.6	--
106-44-5	3&4-Methylphenol	mg/kg	3900	8100	20000	---	2	2	<0.33	<0.33	<0.33	--
91-94-1	3,3'-Dichlorobenzidine	mg/kg	1	---	---	---	0.007 (1.3)	1.3	<0.66	<0.66	<0.66	--
99-09-2	3-Nitroanaline	mg/kg	23	250	26	---	0.01	0.01	<1.6	<1.6	<1.6	--
534-52-1	4,6-Dinitro-2-methylphenol	mg/kg	7.8	---	---	---	---	7.8	<1.6	<1.6	<1.6	--
101-55-3	4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	---	<0.33	<0.33	<0.33	--
59-50-7	4-Chloro-3-methylphenol	mg/kg	5500	---	---	---	24	24	<0.33	<0.33	<0.33	--
106-47-8	4-Chloroaniline	mg/kg	310	---	---	---	0.7	0.7	<0.33	<0.33	<0.33	--
7005-72-3	4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	---	<0.33	<0.33	<0.33	--
100-01-6	4-Nitroaniline	mg/kg	230	1000	110	---	0.1	0.1	<1.6	<1.6	<1.6	--
100-02-7	4-Nitrophenol	mg/kg	630	---	---	---	---	630	<1.6	<1.6	<1.6	--
65-85-0	Benzoic Acid	mg/kg	310000	---	---	---	400	400	<0.33	<0.33	<0.33	--
92-87-5	Benzidine	mg/kg	0.003	0.009	0.02	---	0.000002 (0.33)	0.33	<0.33	<0.33	<0.33	--
100-51-6	Benzyl alcohol	mg/kg	7800	---	61000	---	3	3	<0.33	<0.33	<0.33	--
111-91-1	bis(2-Chloroethoxy) methane	mg/kg	---	---	---	---	---	---	<0.33	<0.33	<0.33	--
111-44-4	bis(2-Chloroethyl) ether	mg/kg	0.6	0.2	---	---	0.0004 (0.66)	0.66	<0.33	<0.33	<0.33	--
108-60-1	bis(2-Chloroisopropyl)ether	mg/kg	---	---	---	---	---	---	<0.33	<0.33	<0.33	--
117-81-7	bis(2-Ethylhexyl)phthalate	mg/kg	46	31000	---	---	3600	46	<0.33	<0.33	<0.33	--
101-55-3	4-Bromophenyl phenyl ether	mg/kg	---	---	---	---	---	---	<0.33	<0.33	<0.33	--
85-68-7	Butylbenzylphthalate	mg/kg	16000	930	---	---	930	930	<0.33	<0.33	<0.33	--
86-74-8	Carbazole	mg/kg	32	---	---	---	0.6	0.6	<0.33	<0.33	<0.33	--
132-64-9	Dibenzofuran	mg/kg	160	---	---	---	6.1	6.1	<0.33	<0.33	<0.33	--
84-66-2	Diethylphthalate	mg/kg	63000	2000	---	---	470	470	<0.33	<0.33	<0.33	--
131-11-3	Dimethylphthalate	mg/kg	780000	1300	---	---	380	380	<0.33	<0.33	<0.33	--
84-74-2	Di-n-butylphthalate	mg/kg	7800	2300	---	---	2300	2300	<0.33	<0.33	<0.33	--
117-84-0	Di-n-octylphthalate	mg/kg	1600	10000	---	---	10000	1600	<0.33	<0.33	<0.33	--
118-74-1	Hexachlorobenzene	mg/kg	0.4	1	---	---	2	0.4	<0.33	<0.33	<0.33	--
87-68-3	Hexachlorobutadiene	mg/kg	16	1000	180	---	2.9	2.9	<0.33	<0.33	<0.33	--
77-47-4	Hexachlorocyclopentadiene	mg/kg	550	10	1.1	---	400	1.1	<0.33	<0.33	<0.33	--
67-72-1	Hexachloroethane	mg/kg	78	---	---	---	0.5	0.5	<0.33	<0.33	<0.33	--
78-59-1	Isophorone	mg/kg	15600	4600	---	---	8	8	<0.33	<0.33	<0.33	--
98-95-3	Nitrobenzene	mg/kg	39	92	9.4	---	0.1 (0.26)	0.26	<0.26	<0.26	<0.26	--
621-64-7	N-Nitroso-di-n-propylamine	mg/kg	0.09	---	---	---	0.00005 (0.0018)	0.0018	<0.09	<0.09	<0.09	--
86-30-6	N-nitrosodiphenylamine	mg/kg	130	---	---	---	1	1	<0.33	<0.33	<0.33	--
87-86-5	Pentachlorophenol	mg/kg	3	---	---	---	0.02	0.02	<0.33	<0.33	<0.33	--
108-95-2	Phenol	mg/kg	23000	---	---	---	100	100	<0.33	<0.33	<0.33	--
110-86-1	Pyridine	mg/kg	78	---	---	---	0.028	0.028	<0.33	<0.33	<0.33	--

Table 1 - Soil Analytical Results
Environmental Soil Evaluation
Grainger Parking Addition
1657 Shermer Road
Northbrook, Illinois
Terracon Project No. 11167061

	Sample Location/Identification		Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values	Maximum Allowable Concentration	HA-1	HA-3	HA-6	HA-7
	Date Collected		Occupants		Construction Workers	Background			3/17/2016	3/17/2016	3/17/2016	4/1/2016
	Units		Ingestion	Inhalation	Inhalation	MSAs	Class I		0-5 feet	0-5 feet	0-2 feet	0-5 feet
Pesticide and Aroclors Organic Analytical Parameters												--
72-54-8	4,4'-DDD	mg/kg	3	---	---	---	16	3	<0.016	<0.016	<0.016	--
72-55-9	4,4'-DDE	mg/kg	2	---	---	---	54	2	<0.016	<0.016	<0.016	--
50-29-3	4,4'-DDT	mg/kg	2	---	2100	---	32	2	<0.016	<0.016	<0.016	--
309-00-2	Aldrin	mg/kg	0.04	3	---	---	0.5	0.94	<0.008	<0.008	<0.008	--
319-84-6	alpha-BHC	mg/kg	0.1	0.8	---	---	0.0005 (0.0074)	0.0074	<0.002	<0.002	<0.002	--
5103-71-9	alpha-Chlordane	mg/kg	1.8	72	22	---	10	---	<0.08	<0.08	<0.08	--
319-85-7	beta-BHC	mg/kg	---	---	---	---	---	---	<0.008	<0.008	<0.008	--
319-86-8	delta-BHC	mg/kg	---	---	---	---	---	---	<0.008	<0.008	<0.008	--
60-57-1	Dieldrin	mg/kg	0.04	1	---	---	0.004 (0.603)	0.603	<0.016	<0.016	<0.016	--
959-98-8	Endosulfan I	mg/kg	470	---	---	---	18	18	<0.008	<0.008	<0.008	--
33213-65-9	Endosulfan II	mg/kg	470	---	---	---	18	18	<0.016	<0.016	<0.016	--
1031-07-8	Endosulfan sulfate	mg/kg	470	---	---	---	18	---	<0.016	<0.016	<0.016	--
72-20-8	Endrin	mg/kg	23	---	---	---	1	1	<0.016	<0.016	<0.016	--
7421-93-4	Endrin aldehyde	mg/kg	23	---	---	---	1	---	<0.016	<0.016	<0.016	--
53494-70-5	Endrin ketone	mg/kg	23	---	---	---	1	---	<0.016	<0.016	<0.016	--
58-89-9	gamma-BHC	mg/kg	0.5	---	---	---	0.009	0.009	<0.008	<0.008	<0.008	--
5103-74-2	gamma-Chlordane	mg/kg	1.8	72	22	---	10	---	<0.08	<0.08	<0.08	--
76-44-8	Heptachlor	mg/kg	0.1 (0.87)	0.1	---	---	23	0.871	<0.008	<0.008	<0.008	--
1024-57-3	Heptachlor epoxide	mg/kg	0.07(1.005	5	---	---	0.7	1.005	<0.008	<0.008	<0.008	--
72-43-5	Methoxychlor	mg/kg	390	---	---	---	160	160	<0.08	<0.08	<0.08	--
8001-35-2	Toxaphene	mg/kg	0.6	89	---	---	31	0.6	<0.16	<0.16	<0.16	--
12674-11-2	Aroclor - 1016	mg/kg	---	---	---	---	---	---	<0.08	<0.08	<0.08	--
11104-28-2	Aroclor - 1221	mg/kg	---	---	---	---	---	---	<0.08	<0.08	<0.08	--
11141-16-5	Aroclor - 1232	mg/kg	---	---	---	---	---	---	<0.08	<0.08	<0.08	--
53469-21-9	Aroclor - 1242	mg/kg	---	---	---	---	---	---	<0.08	<0.08	<0.08	--
12672-29-6	Aroclor - 1248	mg/kg	---	---	---	---	---	---	<0.08	<0.08	<0.08	--
11097-69-1	Aroclor - 1254	mg/kg	---	---	---	---	---	---	<0.16	<0.16	<0.16	--
11096-82-5	Aroclor - 1260	mg/kg	---	---	---	---	---	---	<0.16	<0.16	<0.16	--
1336-36-3	Polychlorinated Biphenyls (PCBs)	mg/kg	1	---	---	---	---	1	--	--	--	

Table 1 - Soil Analytical Results
Environmental Soil Evaluation
Grainger Parking Addition
1657 Shermer Road
Northbrook, Illinois
Terracon Project No. 11167061

	Sample Location/Identification		Tier 1 Soil Remediation Objectives for Residential Properties				Soil Component of the Groundwater Ingestion Route Values	Maximum Allowable Concentration	HA-1	HA-3	HA-6	HA-7
	Date Collected		Occupants		Construction Workers	Background			3/17/2016	3/17/2016	3/17/2016	4/1/2016
	Units		Ingestion	Inhalation	Inhalation	MSAs	Class I		0-5 feet	0-5 feet	0-2 feet	0-5 feet
Inorganic Analytical Parameters												
7440-36-0	Antimony	mg/kg	31	---	---	4	5	5	<1.0	<1.0	<1.0	--
7440-38-2	Arsenic	mg/kg	11.3	750	---	13	29	11.3[5]	5.1	16.7	4.8	2
								13[6]	5.1	16.7	4.8	2
7440-39-3	Barium	mg/kg	5500	690000	---	110	1500	1500	125	107	86.3	--
7440-41-7	Beryllium	mg/kg	160	1300	---	0.59	22	22	0.9	0.8	0.6	--
7440-43-9	Cadmium	mg/kg	78	1800	---	0.6	5.2	5.2	<0.5	<0.5	<0.5	--
7440-70-2	Calcium	mg/kg	---	---	---	9300	---	---	5510	5280	4330	--
7440-47-3	Chromium, total	mg/kg	230	270	---	16.2	21	21	**24.6**	25.7	18.8	13.8
7440-48-4	Cobalt	mg/kg	4700	---	---	8.9	---	20	8.9	8.7	8	--
7440-50-8	Copper	mg/kg	2900	---	---	19.6	59,000	2900	23.4	32.1	17.8	--
57-12-5	Cyanide	mg/kg	1600	---	---	0.51	40	40	<0.10	0.16	<0.10	--
7439-89-6	Iron	mg/kg	---	---	---	15900	---	15000[5]	**21200**	**20300**	**15600**	--
								15900[6]	**21200**	**20300**	**15600**	--
7439-92-1	Lead	mg/kg	400	---	---	36	107	107	19.2	29.3	26.7	--
7439-95-4	Magnesium	mg/kg	325000	---	---	4820	---	325000	4730	4540	3530	--
7439-96-5	Manganese	mg/kg	1600	69000	8700	636	---	630[5]	290	369	379	--
								636[6]	290	369	379	--
7439-97-6	Mercury	mg/kg	23	10	0.1	0.06	0.89	0.1[7]	<0.05	<0.05	<0.05	--
								0.89[8]	<0.05	<0.05	<0.05	--
7440-02-0	Nickel	mg/kg	1600	13000	---	18	100	100	23.7	24	17.3	--
7440-09-7	Potassium	mg/kg	---	---	---	1268	---	---	1490	2160	1880	--
7782-49-2	Selenium	mg/kg	390	---	---	0.48	1.3	1.3	<1.0	<1.0	<1.0	--
7440-22-4	Silver	mg/kg	390	---	---	0.55	4.4	4.4	<0.2	<0.2	<0.2	--
7440-23-5	Sodium	mg/kg	---	---	---	130	---	---	70	53	<50	--
7440-28-0	Thallium	mg/kg	6.3	---	---	0.32	2.6	2.6	<1.0	<1.0	<1.0	--
7440-62-2	Vanadium	mg/kg	550	---	---	25.2	980	550	34.4	31.3	24.6	--
7440-66-6	Zinc	mg/kg	23000	---	---	95	5100	5100	67.9	87.2	59.8	--
204	pH	s.u.	---	---	---	---	---	6.25-9.0	6.99	7.29	7.44	--
Inorganic Analytical Parameters TCLP												
7440-47-3-1	Chromium	mg/L	---	---	---	---	0.1	0.1	<0.005	--	--	<0.005
7439-89-6-1	Iron	mg/L	---	---	---	---	5	5	0.5	0.6	0.5	--

Table Notes

Maximum Allowable Concentrations (MAC) promulgated on August 27, 2012 by Illinois Environmental Protection Agency (IEPA)

Remediation Objectives from 35 Illinois Administrative Code Chapter 742: *Tiered Approach to Corrective Action Objectives* (TACO)

Remediation Objectives for Non-TACO compounds from (IEPA) web site (http://www.epa.state.il.us/land/taco/chemicals-not-in-taco-tier-1-tables.html)

Ingestion criteria based MAC for selected PNAs, arsenic, iron and manganese are based on background values

Soil Component criteria based MACs for inorganics and ionizing organics are lowest TACO objective for pH in range of 6.25-9.0 (Class I Groundwater)

Background values listed are for Metropolitan Statistical Areas (MSAs) as defined in TACO, background is considered remediation objective/MAC for selected PNAs and metals

Acceptable detection limits (in parentheses) are used as remediation objectives/MACs for selected constituents

mg/kg = milligrams per kilogram, generally equivalent to parts per million (ppm)

mg/L = milligrams per liter, generally equivalent to ppm

TCLP = Toxicity Characteristic Leaching Procedure

Highlighted values indicate exceedances of the TACO-derived MAC

Bolded values indicates unverified exceedance of MAC values

Footnoted MAC based on location of CCDD facility or USFO, as follows:
[1] - Outside a populated area
[2] - Within a populated area in a non-MSA County
[3] - Within a populated area in a MSA excluding Chicago
[4] - Within Chicago corporate limits
[5] - Within a non-MSA County
[6] - Within a MSA County
[7] - Elemental
[8] - Ionic

First
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March 28, 2016

Mr. Michael Roche
TERRACON CONSULTANTS, INC.
135 Ambassador Drive
Naperville, IL 60540

Project ID: Granger Parking Addition - Northbrook
First Environmental File ID: 16-1358
Date Received: March 17, 2016

Dear Mr. Michael Roche:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003811: effective 02/17/2016 through 02/28/2017.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager

First Environmental Laboratories, Inc.
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Case Narrative

TERRACON CONSULTANTS, INC. Lab File ID: **16-1358**

Project ID: **Granger Parking Addition - Northbrook** Date Received: **March 17, 2016**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected	
16-1358-001	HA-1 (0'-5')	3/17/2016	11:10
16-1358-002	HA-3 (0'-0')	3/17/2016	11:20
16-1358-003	HA-6 (0'-2')	3/17/2016	11:30

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	P	Chemical preservation pH adjusted in lab.
E	Estimated result; concentration exceeds calibration range.	Q	Result was determined by a GC/MS database search.
G	Surrogate recovery outside control limits.	S	Analysis was subcontracted to another laboratory.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-1 (0'-5')
Sample No: 16-1358-001

Date Collected: 03/17/16
Time Collected: 11:10
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540B**				
Analysis Date: 03/18/16				
Total Solids	71.34		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 03/22/16				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client:	TERRACON CONSULTANTS, INC.	**Date Collected:**	03/17/16
Project ID:	Granger Parking Addition - Northbrook	**Time Collected:**	11:10
Sample ID:	HA-1 (0'-5')	**Date Received:**	03/17/16
Sample No:	16-1358-001	**Date Reported:**	03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 03/22/16				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 03/24/16		Preparation Date: 03/23/16		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-1 (0'-5')
Sample No: 16-1358-001

Date Collected: 03/17/16
Time Collected: 11:10
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 03/24/16		**Preparation Method 3540C** Preparation Date: 03/23/16		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-1 (0'-5')
Sample No: 16-1358-001

Date Collected: 03/17/16
Time Collected: 11:10
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 03/24/16		**Preparation Method 3540C** Preparation Date: 03/23/16		
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
Pesticides/PCBs **Method: 8081A/8082** Analysis Date: 03/28/16		**Preparation Method 3546** Preparation Date: 03/23/16		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	
Total Metals **Method: 6010C** Analysis Date: 03/22/16		**Preparation Method 3050B** Preparation Date: 03/18/16		
Antimony	< 1.0	1.0	mg/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-1 (0'-5')
Sample No: 16-1358-001

Date Collected: 03/17/16
Time Collected: 11:10
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 03/22/16		Preparation Date: 03/18/16		
Arsenic	5.1	1.0	mg/kg	
Barium	125	0.5	mg/kg	
Beryllium	0.9	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	5,510	50	mg/kg	
Chromium	24.6	0.5	mg/kg	
Cobalt	8.9	0.5	mg/kg	
Copper	23.4	0.5	mg/kg	
Iron	21,200	5.0	mg/kg	
Lead	19.2	0.5	mg/kg	
Magnesium	4,730	50	mg/kg	
Manganese	290	0.5	mg/kg	
Nickel	23.7	0.5	mg/kg	
Potassium	1,490	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	70	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	34.4	1.0	mg/kg	
Zinc	67.9	1.0	mg/kg	
Total Mercury **Method: 7471B**				
Analysis Date: 03/21/16				
Mercury	< 0.05	0.05	mg/kg	
Cyanide, Total **Method: 4500CN,C,E**				
Analysis Date: 03/22/16				
Cyanide, Total	< 0.10	0.10	mg/kg	
pH @ 25°C, 1:2 **Method: 9045D 2004**				
Analysis Date: 03/24/16				
pH @ 25°C, 1:2	6.99		Units	
TCLP Metals Method 1311 **Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 03/23/16		Preparation Date: 03/22/16		
Chromium	< 0.005	0.005	mg/L	
Iron	0.5	0.1	mg/L	

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Analytical Report

Client:	TERRACON CONSULTANTS, INC.	**Date Collected:**	03/17/16
Project ID:	Granger Parking Addition - Northbrook	**Time Collected:**	11:20
Sample ID:	HA-3 (0'-0')	**Date Received:**	03/17/16
Sample No:	16-1358-002	**Date Reported:**	03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540B**				
Analysis Date: 03/18/16				
Total Solids	70.93		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 03/22/16				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-3 (0'-0')
Sample No: 16-1358-002

Date Collected: 03/17/16
Time Collected: 11:20
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 03/22/16				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 03/24/16		Preparation Date: 03/23/16		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	110	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

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Analytical Report

Client:	TERRACON CONSULTANTS, INC.	**Date Collected:**	03/17/16
Project ID:	Granger Parking Addition - Northbrook	**Time Collected:**	11:20
Sample ID:	HA-3 (0'-0')	**Date Received:**	03/17/16
Sample No:	16-1358-002	**Date Reported:**	03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 03/24/16		**Preparation Method 3540C** Preparation Date: 03/23/16		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-3 (0'-0')
Sample No: 16-1358-002

Date Collected: 03/17/16
Time Collected: 11:20
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 03/24/16		Preparation Date: 03/23/16		
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
Pesticides/PCBs **Method: 8081A/8082**		**Preparation Method 3546**		
Analysis Date: 03/28/16		Preparation Date: 03/23/16		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	
Total Metals **Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 03/22/16		Preparation Date: 03/18/16		
Antimony	< 1.0	1.0	mg/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-3 (0'-0')
Sample No: 16-1358-002

Date Collected: 03/17/16
Time Collected: 11:20
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 03/22/16			Preparation Date: 03/18/16		
Arsenic		16.7	1.0	mg/kg	
Barium		107	0.5	mg/kg	
Beryllium		0.8	0.5	mg/kg	
Cadmium		< 0.5	0.5	mg/kg	
Calcium		5,280	50	mg/kg	
Chromium		25.7	0.5	mg/kg	
Cobalt		8.7	0.5	mg/kg	
Copper		32.1	0.5	mg/kg	
Iron		20,300	5.0	mg/kg	
Lead		29.3	0.5	mg/kg	
Magnesium		4,540	50	mg/kg	
Manganese		369	0.5	mg/kg	
Nickel		24.0	0.5	mg/kg	
Potassium		2,160	50	mg/kg	
Selenium		< 1.0	1.0	mg/kg	
Silver		< 0.2	0.2	mg/kg	
Sodium		53	50	mg/kg	
Thallium		< 1.0	1.0	mg/kg	
Vanadium		31.3	1.0	mg/kg	
Zinc		87.2	1.0	mg/kg	
Total Mercury	**Method: 7471B**				
Analysis Date: 03/21/16					
Mercury		< 0.05	0.05	mg/kg	
Cyanide, Total	**Method: 4500CN,C,E**				
Analysis Date: 03/22/16					
Cyanide, Total		0.16	0.10	mg/kg	
pH @ 25°C, 1:2	**Method: 9045D 2004**				
Analysis Date: 03/24/16					
pH @ 25°C, 1:2		7.29		Units	
TCLP Metals Method 1311	**Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 03/23/16			Preparation Date: 03/22/16		
Iron		0.6	0.1	mg/L	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-6 (0'-2')
Sample No: 16-1358-003

Date Collected: 03/17/16
Time Collected: 11:30
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total **Method: 2540B**				
Analysis Date: 03/18/16				
Total Solids	72.49		%	
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 03/22/16				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	

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Analytical Report

Client:	TERRACON CONSULTANTS, INC.	**Date Collected:**	03/17/16
Project ID:	Granger Parking Addition - Northbrook	**Time Collected:**	11:30
Sample ID:	HA-6 (0'-2')	**Date Received:**	03/17/16
Sample No:	16-1358-003	**Date Reported:**	03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds **Method: 5035A/8260B**				
Analysis Date: 03/22/16				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Semi-Volatile Compounds **Method: 8270C**		**Preparation Method 3540C**		
Analysis Date: 03/24/16		Preparation Date: 03/23/16		
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	92	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-6 (0'-2')
Sample No: 16-1358-003

Date Collected: 03/17/16
Time Collected: 11:30
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** Analysis Date: 03/24/16		**Preparation Method 3540C** Preparation Date: 03/23/16		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-6 (0'-2')
Sample No: 16-1358-003

Date Collected: 03/17/16
Time Collected: 11:30
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Semi-Volatile Compounds **Method: 8270C** **Preparation Method 3540C** Analysis Date: 03/24/16 Preparation Date: 03/23/16				
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
Pesticides/PCBs **Method: 8081A/8082** **Preparation Method 3546** Analysis Date: 03/28/16 Preparation Date: 03/23/16				
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	
Total Metals **Method: 6010C** **Preparation Method 3050B** Analysis Date: 03/22/16 Preparation Date: 03/18/16				
Antimony	< 1.0	1.0	mg/kg	

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Granger Parking Addition - Northbrook
Sample ID: HA-6 (0'-2')
Sample No: 16-1358-003

Date Collected: 03/17/16
Time Collected: 11:30
Date Received: 03/17/16
Date Reported: 03/28/16

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Total Metals **Method: 6010C** **Preparation Method 3050B**				
Analysis Date: 03/22/16 Preparation Date: 03/18/16				
Arsenic	4.8	1.0	mg/kg	
Barium	86.3	0.5	mg/kg	
Beryllium	0.6	0.5	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	4,330	50	mg/kg	
Chromium	18.8	0.5	mg/kg	
Cobalt	8.0	0.5	mg/kg	
Copper	17.8	0.5	mg/kg	
Iron	15,600	5.0	mg/kg	
Lead	26.7	0.5	mg/kg	
Magnesium	3,530	50	mg/kg	
Manganese	379	0.5	mg/kg	
Nickel	17.3	0.5	mg/kg	
Potassium	1,880	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	< 50	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	24.6	1.0	mg/kg	
Zinc	59.8	1.0	mg/kg	
Total Mercury **Method: 7471B**				
Analysis Date: 03/21/16				
Mercury	< 0.05	0.05	mg/kg	
Cyanide, Total **Method: 4500CN,C,E**				
Analysis Date: 03/22/16				
Cyanide, Total	< 0.10	0.10	mg/kg	
pH @ 25°C, 1:2 **Method: 9045D 2004**				
Analysis Date: 03/24/16				
pH @ 25°C, 1:2	7.44		Units	
TCLP Metals Method 1311 **Method: 6010C** **Preparation Method 3010A**				
Analysis Date: 03/23/16 Preparation Date: 03/22/16				
Iron	0.5	0.1	mg/L	

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1600 Shore Road, Suite D
Naperville, Illinois 60563
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E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Terracon Consultants, Inc.
Street Address: 135 Ambassador Dr.
City: Naperville State: IL Zip: 60540
Phone: (630) 717-4263 e-mail: Mike.Roche@Terracon.com
Send Report To: Mike Roche, P.G.
Sampled By: Sofian Azeem

Project I.D.: Excavager Parking Addition - Northbrook IL
P.O.#: 11167061

Matrix Codes: S = Soil W = Water O = Other

Analyses:

Date/Time Taken	Sample Description	Matrix	VOCs	SVOCs	Pesticides	PCBs	22 TAL Metals (see checklist)	Cyanide	pH	TCLP-Iron	Hold - Do Not Analyze + TCLP Chromium (572)	Comments	Lab I.D.
3/17/16, 11:10	HA-1 (0'-5')	SOIL	X	X	X	X	X	X	X	X	X	Std TAT	16-1318.001
11:20	HA-3 (0'-0')		X	X	X	X	X	X	X	X			002
11:30	HA-6 (0'-2')		X	X	X	X	X	X	X	X			003

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6ºC Yes ✓ No___ 3.9 ºC
Received within 6 hrs. of collection:____
Ice Present: Yes ✓ No___

Sample Refrigerated: Yes___ No___
Refrigerator Temperature:_____ ºC
5035 Vials Frozen: Yes___ No___
Freezer Temperature:_____ ºC

Program: ☐ TACO ☒ CCDD ☐ NPDES ☐ LUST

Notes and Special Instructions: Standard Turn around Time

Relinquished By: Sofian Azeem Date/Time 3/17/16 2:15 Received By: [signature] Date/Time 3/17/16 1415
Relinquished By: ______ Date/Time ______ Received By: ______ Date/Time ______

Rev. 8/15

Metal Analytical Parameters

CAS No.	Analyte	Method
7440-36-0	Antimony	6010B/6020
7440-38-2	Arsenic	6020/7060A/7061A/7062
7440-39-3	Barium	6010B/6020
7440-41-7	Beryllium	6010B/6020
7440-43-9	Cadmium	6010B/6020
7440-70-2	Calcium	6010B
7440-47-3	Chromium	6010B/6020
7440-48-4	Cobalt	6010B/6020
7440-50-8	Copper	6010B/6020
7439-89-6	Iron	6010B
7439-92-1	Lead	6020/7421
7239-95-4	Magnesium	6010B
7439-96-5	Manganese	6010B/6020
7439-97-6	Mercury	7470A/7471A
7440-02-0	Nickel	6010B/6020
7440-09-7	Potassium	6010B
7782-49-2	Selenium	7740A/7741A/7742
7440-22-4	Silver	6010B/6020
7440-23-5	Sodium	6010B
7440-28-0	Thallium	6020/7841
7440-62-2	Vanadium	6010B
7440-66-6	Zinc	6010B/6020

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April 07, 2016

Mr. Michael Roche
TERRACON CONSULTANTS, INC.
135 Ambassador Drive
Naperville, IL 60540

Project ID: Grainger Parking Addition Nnorthbrook
First Environmental File ID: 16-1670
Date Received: April 01, 2016

Dear Mr. Michael Roche:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003811: effective 02/17/2016 through 02/28/2017.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Stan Zaworski
Project Manager

First Environmental Laboratories, Inc.
IL ELAP / NELAC Accreditation # 100292
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Case Narrative

TERRACON CONSULTANTS, INC.

Lab File ID: **16-1670**

Project ID: **Grainger Parking Addition Nnorthbrook**

Date Received: **April 01, 2016**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected	
16-1670-001	HA-7 (0'-5')	4/1/2016	10:08

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L	LCS recovery outside control limits.
C	Sample received in an improper container for this test.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	P	Chemical preservation pH adjusted in lab.
E	Estimated result; concentration exceeds calibration range.	Q	Result was determined by a GC/MS database search.
G	Surrogate recovery outside control limits.	S	Analysis was subcontracted to another laboratory.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.

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Analytical Report

Client: TERRACON CONSULTANTS, INC.
Project ID: Grainger Parking Addition Nnorthbrook
Sample ID: HA-7 (0'-5')
Sample No: 16-1670-001

Date Collected: 04/01/16
Time Collected: 10:08
Date Received: 04/01/16
Date Reported: 04/07/16

Results are reported on a dry weight basis.

Analyte		Result	R.L.	Units	Flags
Solids, total	**Method: 2540B**				
Analysis Date: 04/01/16					
Total Solids		72.05		%	
Total Metals	**Method: 6010C**		**Preparation Method 3050B**		
Analysis Date: 04/04/16			Preparation Date: 04/04/16		
Arsenic		2.0	1.0	mg/kg	
Chromium		13.8	0.5	mg/kg	
TCLP Metals Method 1311	**Method: 6010C**		**Preparation Method 3010A**		
Analysis Date: 04/06/16			Preparation Date: 04/05/16		
Chromium		< 0.005	0.005	mg/L	

CHAIN OF CUSTODY RECORD

Page ___ of ___ pgs

First Environmental Laboratories, Inc.

First Environmental Laboratories
1600 Shore Road, Suite D
Naperville, Illinois 60563
Phone: (630) 778-1200 • Fax: (630) 778-1233
E-mail: firstinfo@firstenv.com
IEPA Certification #100292

Company Name: Terracon Consultants, Inc

Street Address: 135 Ambassador Drive

City: Naperville State: IL Zip: 60540

Phone: (630) 717-4263 e-mail: mike.rocke@terracon.com

Send Report To: Mike J. Rocke, P.G

Sampled By: Stefan Azer

Project I.D.: Evanston Parking Addition North Street

P.O. #: 1116706 I

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	Analyses: Arsenic	Chromium	TCLP Chromium	Cadmium	Hold - Do Not Analyze	Comments	Lab I.D.
4/01/16 9:00	HA-7 (0-5')	SOIL	X	X					16-1670-001

FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes__ No__ N/A °C
Received within 6 hrs. of collection:_____
Ice Present: Yes__ No__

Sample Refrigerated: Yes__ No__
Refrigerator Temperature:_____°C
5035 Vials Frozen: Yes__ No__
Freezer Temperature:_____°C

Program: ☐ TACO ☒ CCDD ☐ NPDES ☐ LUST

Notes and Special Instructions: Standard turn around time Request

Relinquished By: Stefan Azer Date/Time 4/1/16 12:30 Received By: [signature] Date/Time 4/1/16 1230

Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

Rev. 8/15

APPENDIX C

IEPA CCDD FORM (LPC-663)

Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663 Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify. pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B). that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form. please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online. saved locally. printed and signed. and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

You must have Adobe Acrobat Reader 8.0 or above installed to use the features on this form.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: WW Grainger Parking Lot Improvements Office Phone Number. if available: _____

Physical Site Location (address. incldluding number and street):

1657 Shermer Road

City: Northbrook State: IL Zip Code: 60062

County: Cook Township: _____

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g.. 40.67890. -90.12345):

Latitude: 42.122914 (Decimal Degrees) Longitude: -87.828817 (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☐ Map Interpolation ☒ Photo Interpolation ☐ Survey ☐ Other

Coordinates of center of site interpolated from Google Earth aerial photograph

IEPA Site Number(s). if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:		Name:	
Street Address:		Street Address:	
PO Box:		PO Box:	
City:	State:	City:	State:
Zip Code:	Phone:	Zip Code:	Phone:
Contact:		Contact:	
Email. if available:		Email. if available:	

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4. 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50.000 for the violation and an additional civil penalty of not to exceed $10.000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: WW Grainger Parking Lot Improvements

Latitude: 42.122914 Longitude: -87.828817

Uncontaminated Site Certification

III. Basis for Certification and Attachments

For each item listed below. reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

Borings were advanced to depths of 2-5 feet at eight locations. to evaluate an estimated 3.100 cubic yards of soil. The soil was field screened with a photoionization detector and field indications (PID. visual/olfactory) of potential contamination were not detected. A total of 4 discrete representative soil samples were collected and submitted for analytical testing.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100. Subpart F and that the soil pH is within the range of 6.25 to 9.0.including the documentation of chain of custody control. a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g). 1100.205(a). 1100.610]:

The analytical results are attached to this document and are further described in the Terracon Environmental Soil Evaluation Report. dated April 11. 2016. The report includes a location plan. the laboratory analyses. chain of custody and information on laboratory accreditation. The location plan indicates the area of soils that meet the pH range and MACs for MSAs/Chicago.

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I. Michael G. Roche (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted. including but not limited to. all attachments and other information. is to the best of my knowledge and belief. true. accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a). I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition. I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: Terracon Consultants. Inc.

Street Address: 135 Ambassador Drive

City: Naperville State: IL Zip Code: 60540

Phone: 630-717-4263

Michael G. Roche
Printed Name:

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

April 11, 2016
Date:

LICENSED PROFESSIONAL GEOLOGIST
MICHAEL G. ROCHE
196-000318
ILLINOIS

P.E. or L.P.G. Seal:

Hygieneering, Inc. 7575 Plaza Court, Willowbrook, IL 60527

Industrial hygiene, safety and environmental consulting services (630)654-2550

September 12, 2016

Via Email:Michael.Quinlan@grainger.com

Mr. Michael Quinlan
Facilities Supervisor
W.W. Grainger Inc.
100 Grainger Parkway
Lake Forest, Illinois 60045

RE: Mold & Moisture Assessment
Hygieneering Project # 2016-2954-M

Dear Mr. Quinlan

Thank you for the opportunity for Hygieneering, Inc. (Hygieneering) to provide professional industrial hygiene consulting services to W.W. Grainger Inc. This report presents the results of the professional environmental services conducted by Hygieneering in response to a mold concern in the office area of the building located at 1657 Shermer Road in Northbrook, Illinois.

Hygieneering understands that a recent roof leak has led to concerns about potential mold issues from an on-going water infiltration issue in the office area. As a precaution, Hygieneering performed a mold & moisture assessment in the area of the roof leak and surrounding areas.

Scope of Work

In summary, the following 6 main tasks were to be conducted in the area of concern:

Task 1. Perform a visual inspection.
Task 2. Perform moisture inspection of the building materials.
Task 3. Perform a visual assessment of the HVAC system.
Task 4. Perform surface (tape lift) mold sampling.
Task 5. Perform mold spore trap sampling.
Task 6. Perform indoor air quality monitoring.

Background

According to Michael Quinlan, Facilities Supervisor, a ceiling tile was saturated from a roof leak and fell onto the floor in the old office area. The roof leak was recently repaired and no active leaks were present. During the repair of the roof, water damaged drywall roof decking was removed and replaced. Suspect mold growth was observed on the drywall roof decking.

Mr. Quinlan pointed out a separate on-going water infiltration along the office window sills along the south and west perimeter of the old office area. On occasion after rain events there is water on the carpeting in isolated areas under the windows.

In addition, it was reported to Hygieneering that employees were concerned about suspect mold found between two file cabinets in the old office area. The cabinets had been pulled apart to find debris and stains along their backside. It was also reported to Hygieneering that there were several allergy complaints in the old office area. Hygieneering was request to perform a mold and moisture survey, as well as general air quality assessment to address these concerns.

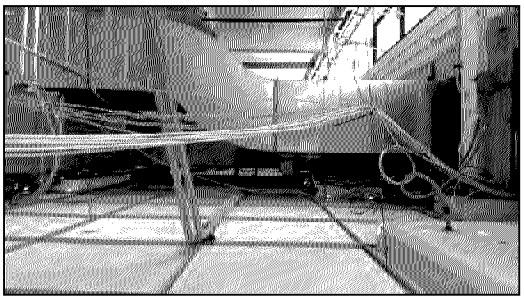
Assessment

Mr. Travis Fellers, Health & Safety Consultant of Hygieneering performed the fieldwork on August 24, 2016. The Hygieneering senior project managers were Mr. David Zeidner, Director of IAQ & Emergency Response Services, and Mr. John Feller, CIH, CSP, Vice President. Mr. Leonard Kapka, Facilities Maintenance Technician, of Grainger and Michael Quinlan, Site Manager, of Grainger provided onsite assistance.

Visual Inspection

The Grainger facility is a one story building with an old office section on the south portion of the building and a new office section on the north portion of the building. There is also a warehouse that adjoins both office sections. The building is composed of several private and group offices, large cubicle areas, conference rooms, an open break room, kitchen, warehouse, and reception area. The walls of the old and new office areas are finished with CMU and/or drywall; a majority of the ceilings of the old office area are finished with acoustical drop panels, with some plaster; the ceilings of the new office area are unfinished, with exposed metal decking; and the floors of the old and new office areas are covered with carpet or vinyl tile. A majority of the warehouse is unfinished, with an exposed metal deck ceiling and cement flooring.

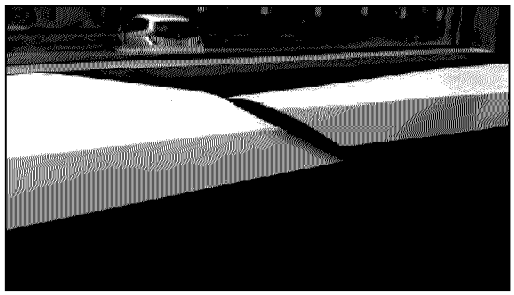
In the old office area, the portion of the ceiling impacted by the recent roof leak was visually inspected. There were no signs of water stained ceiling tile or mold growth. Hygieneering visibly inspection the area above the ceiling tiles (Photograph 1) and no mold growth or signs of water damage building materials were noted. The water damaged drywall that composes the underside of the roof decking was recently replaced. There were no signs of water stains, water damage, or mold growth to any of the drywall roof decking in the area of the recent water infiltration (Photograph 2). None of the accessible ceiling tile or drywall roof decking had elevated moisture levels when assessed with the thermal imaging camera. The roof deck was too high to probe with a moisture meter.



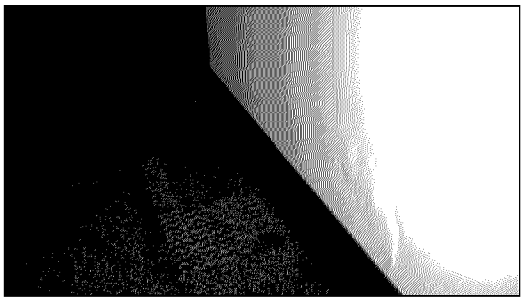
Photograph 1 – Above ceiling tiles near roof leak

Photograph 2 – Roof repairs

The south and west windows of the old office area were visually inspected and found to have water damaged window sills. The laminate was buckled and the pressed wood material was heavily water damaged (Photograph 3). In addition, a section of drywall beneath a window in the southeast corner had visible signs of water damage in the form of bubbling paint (Photograph 4). The carpeting in this area was visible wet from a recent rain event likely.

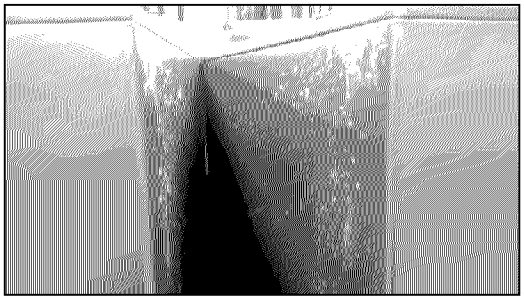


Photograph 3 – Old office window sill

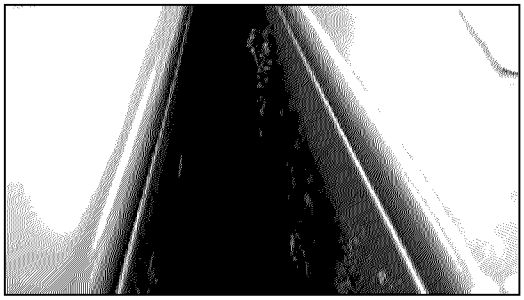


Photograph 4 – old office bubbling paint

In the old office area, Hygieneering visually inspected the backside of several cabinets, one of which was reported to have had suspect mold growth between them. Hygieneering found what appeared to be food crumbs between these two cabinets (Photograph 5). There were no indications of mold growth or moldy/musty odors associated with the cabinets. Hygieneering inspected five other sets of cabinets in the same area. All the other cabinets appeared to be free of any signs of mold growth; however, one set of cabinets had similar food crumb like debris between them (Photograph 6). Additionally, Hygieneering observed excessive dust, food crumbs, and insects in the cubicle areas of the old office area.



Photograph 5 – Backside of cabinets

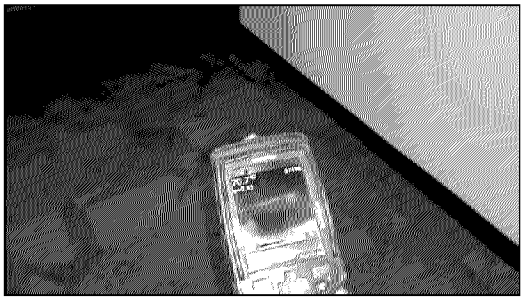


Photograph 6 – Additional cabinets inspected

Moisture Survey

Moisture issues within buildings can cause mold growth to occur. A moisture survey of the accessible walls, carpeting, ceilings, and drywall roof decking within the areas of concern was performed using a FLIR thermal imaging camera and a GE SurveyMaster Protimeter. Elevated levels of moisture were observed to the majority of window sills of the south and west perimeters of the old office area (Photograph 7). In the southeast portion of the old office area, the drywall wall and carpeting below the window were wet (Photograph 8).

Photograph 7 – Elevated moisture levels on old office window sills



Photograph 8 – Elevated moisture on carpet and drywall wall in old office

As mentioned above, the roof leak area was surveyed with the FLIR camera and no elevated moisture levels were detected; however, a moisture meter confirmation was not possible due to the height of the roof

decking. No other areas in the old office section or the new office section were detected to have elevated moisture levels.

HVAC Inspection

Grainger has a total of thirteen (13) rooftop air handling units (RTU's) to provide ventilation throughout the facility. A total of six (6) newer RTUs service the new office area. According to Mr. Kapka, the old RTUs are constant volume and the new RTUs are variable volume. The return air system is split between open plenum and duct return for all rooftop air handling units. The HVAC units have an approximate minimum outside air setting of 10%; however, this value varies throughout the day in accordance to each unit's temperature setting. Mr. Kapka informed Hygieneering that the newer HVAC units are connected to a centralized computer system that allows the maintenance engineer to look at the specifics of each air-handling unit. The old HVAC units utilize economizers and are controlled manually by the engineering staff.

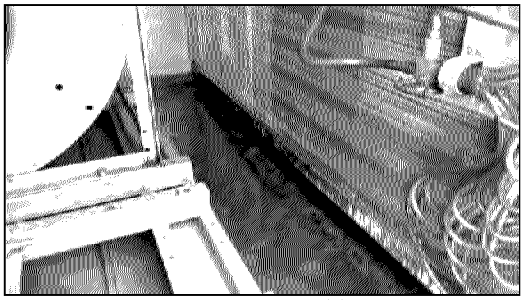
The preventative maintenance program includes pleated filter change-outs quarterly. In addition, Grainger engineers vacuum out the condensate coils and fan units, and grease bearings twice per year. Mr. Kapka informed Hygieneering that filters were check and changed April 18, 2016 prior to the date of this assessment.

Hygieneering assessed rooftop air handling units: RTU-1, RTU-2, RTU-3, RTU-4, RTU-5, and RTU-11 on August 24, 2016. RTU-1 through RTU-3 service the north side of the new office area; RTU-4 and RTU-5 service the south side of the new office area; and RTU-11 services the old office area. Overall, the air-handling units assessed were operating properly and in good condition. The following photographs are representative of all the RTUs inspected.

RTU- 1, 2, & 3

This unit supplies the north side of the new office area. The filters appeared lightly loaded (Photograph 9). The cooling coils appear to be free of significant dust (Photograph 10). The condensate pans were free of debris and rust.

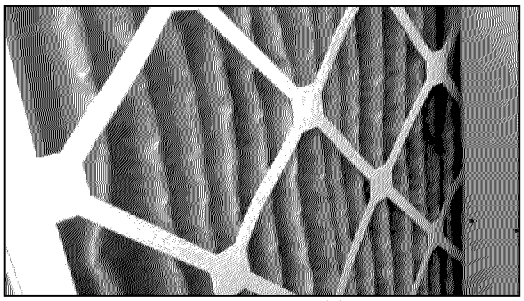
Photograph 9 - RTU-1



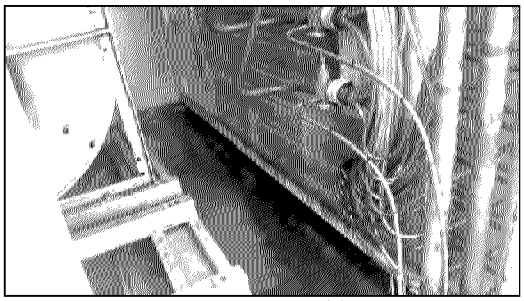
Photograph 10 - RTU-2

RTU-4 & 5

This unit supplies the south side of the new office area. The filters appeared lightly loaded (Photograph 11). The cooling coils appear to be free of significant dust (Photograph 12). The condensate pans were free of debris and rust.



Photograph 11 - RTU-4

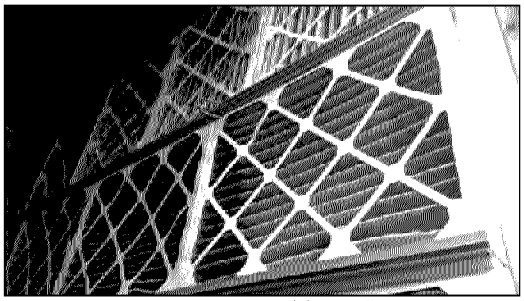


Photograph 12 - RTU-5

RTU-11

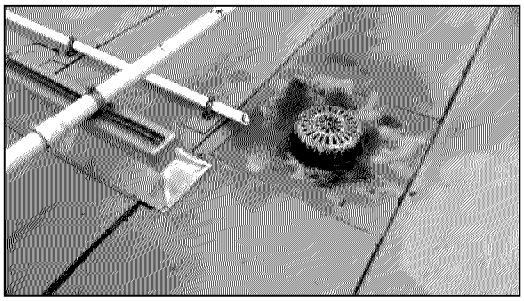
This unit supplies the old office area. Pest screens were present and properly fitted (Photograph 13). The filters appeared lightly loaded (Photograph 14). The cooling coils appear to be free of significant dust (Photograph 15). The condensate pans were free of debris and rust. The condensate drain line was free of debris and unobstructed (Photograph 16).

Photograph 13 – Pest screens in place



Photograph 14 – RTU-11 filters

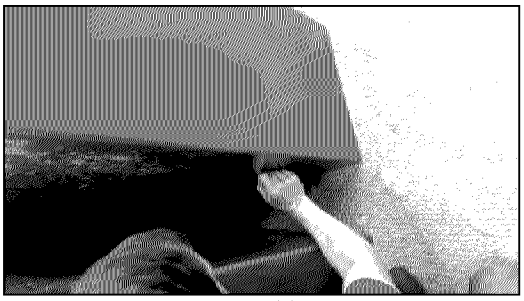
Photograph 15 – Cooling coils



Photograph 16 – Condensate drain line

Surface Mold Sampling

Hygieneering conducted surface mold sampling on the backside of the cabinet were suspect mold growth was reported by Grainger (Photograph 17) and underneath the window sill inside the old office area (Photograph 18). Tape-lift samples were placed on microscope slides and then sent to EMLab P&K, AHIA-LAP accredited lab, to analyze.



Photograph 17 – T-01 Cabinets

Photograph 18 – T-02 Window Sill

A detailed lab result can be found in **Attachment 1**. Table 1 below summarizes the results of the surface mold sampling.

Table 1: Summary of Surface Mold Data

Sample Location	Sampling Notes/Comments Mold Risk Factors (moisture, musty odors, etc.)	Surface Mold Results
T-01: Employee Cabinets	Debris and Stains	<1+ colorless spore type; Minimal mold growth
T-02: SE Window Sill	Elevated Moisture & Staining	4+ *Chaetomium sp.*; Mold Growth

Airborne Mold Spore Sampling

During the assessment, Hygieneering collected one round of air samples within the W.W. Grainger office space at 5 separate locations including three (3) in the old office space and two (2) in the new office space. In addition, an outside sample was taken for comparison purposes. The samples were collected using Air-o-cell cassettes at fifteen (15) liters per minute (lpm) for 5 minutes at each sampling location.

Air sampling results for mold and fungal structures are one criterion of many used in the evaluation of a potential mold issue. There are many factors to be considered in a comprehensive review such as the moisture history of area(s), the construction type and materials, the visual observations, the sensitivities of the population present, the health and comfort (odor) concerns from the occupants, and many other considerations

Air sampling results for bioaerosols are difficult to interpret for many reasons, most notably is that a wide variation throughout a day is a typical occurrence. Many factors, including the activity in the area and timing of spore release from the molds present will likely have an impact on final bioaerosol concentrations. Sampling for short durations (5 minute samples) during the day, which is very typical, only represents a fraction of the overall mold levels throughout the day in a particular area. For these reasons, caution when drawing any conclusions from these data is advised.

In general, the intent of bioaerosol sampling is to identify significant trends of unusual type and amount of molds in indoor samples versus outdoor reference. The data is used to assist in determining whether or not there is a bio-amplification in the indoor environment, not whether a specific health hazard exists. The underlying presumption is that no bio-amplification is acceptable in an indoor environment.

There are no specific air quality standards for bioaerosols. The current generally accepted evaluation criterion is to compare inside concentrations and species to outdoor concentrations and types. Comparisons can only be made of samples collected on the same day and in (or outside of) the same building. This comparison is performed to determine as a tool to identify whether there may be a proliferation of microbial growth in the indoor environment.

The results of the air samples are summarized in Table 2, which is listed below and detailed results are presented in the laboratory report located in **Attachment 1**, Total Airborne Mold Spore Sampling Data. In summary, total spore concentration were lower than the outside comparison samples (See Table 2). The total count indoor ranged from 160 to 490 spores per cubic meter of air (spores/m^3), significantly lower than the outside comparison sample, which was 2,000 spores/m^3.

A single *Chaetomium sp.* spore was observed in the SINO4 cubicle area, which is located near the southeast perimeter where there is an active water infiltration issue and water damaged building materials. This type of mold is only associated with long-term water damage, which is occurring in the area. Additionally, the nearby tape-lift sample identified *Chaetomium sp.* on the window sill.

In summary, the airborne mold spore sampling data collected does not indicate an elevated level of airborne mold spores within the old or new office areas compared to the outside comparison sample, based on the limited sampling conducted.

Table 2: Summary of Total Airborne Mold Spore Data

Sample Location	Sampling Notes/Comments Mold Risk Factors (moisture, musty odors, etc.)	Airborne Mold Spore Count Total (Spores/m^3)
1-Old – S1D05	Near Cabinets	490
2-Old – S1N04	Near Roof Leak & Window Sill	450
3-Old – S1P20	None	440
4-New – S1G58	None	160
5-New – S1W49	None	210
6-Outside	None	2,000

Air Monitoring

Hygieneering conducted two rounds of air sampling during normal business hours and operation of the building's HVAC systems.

The table below illustrates the air monitoring locations:

W.W. Grainger	
Outside	
Old Office – S1D05	New Office – L44
Old Office – S1N04	New Office – E52
Old Office – S1F13	New Office – S1G58
Old Office – S1Q16	New Office – W-63
Old Office – S1P20	New Office – W-49

The following sections summarize the results for each parameter measured.

Temperature and Relative Humidity

Indoor air temperature and relative humidity are physical conditions important to occupant comfort. ASHRAE Standard 55-2004, Thermal Environmental Conditions for Human Occupancy, provides a

graphical method for determining 80% occupant acceptability of temperature and relative humidity in a typical indoor environment (See Figure 1). Temperature and relative humidity ranges for typical indoor environments are based on several factors including clothing coverage and activity levels of the occupants. This standard only applies to areas occupied for a minimum of fifteen minutes and does not apply to areas such as lobbies, stairwells or corridors. The attached thermal comfort graph is based on typical office activity levels.

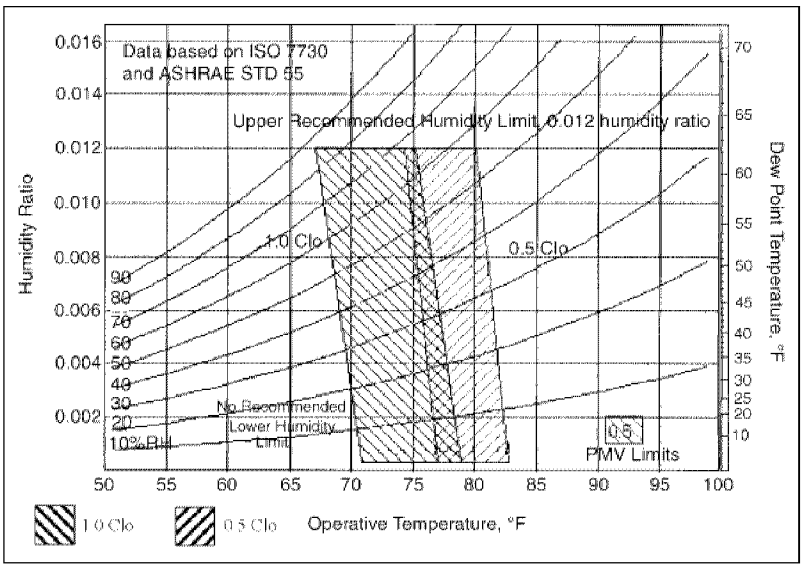


Figure 1 Thermal Comfort Graph:
Acceptable range of operative temperature and humidity for typical indoor environments

Ambient temperatures and relative humidity ranged from 70.6-74.0°F and 67.6-79.5%. The relative humidity readings are elevated compared to the acceptable range of operable temperature and humidity levels in the ASHRAE Standard 55-2004. It was reported to by Grainger, that the temperature of the cooling coils had been raised due to cold temperature complaints. The high humidity condition may create an environment conducive for mold growth.

Carbon Dioxide

In 2011 the CDC published an online document regarding indoor environmental quality: http://www.cdc.gov/niosh/topics/indoorenv/BuildingVentilation.html. In the section regarding carbon dioxide levels in the indoor environment they state the following:

"The American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) develops consensus standards and guidelines for HVAC systems. ASHRAE notes in an informative appendix to standard ANSI/ASHRAE 62.1-2010: Ventilation for Acceptable Indoor Air Quality that indoor CO_2 concentrations no greater than 700 ppm above outdoor CO_2 concentrations will satisfy a substantial majority (about 80%) of visitors with regard to odor from sedentary building occupants (body odor) [ANSI/ASHRAE 2010]. This would typically correspond to indoor concentrations below 1050 ppm since outdoor CO2 concentrations usually range between 375 to 500 ppm. However, CO_2 is not an effective indicator of ventilation adequacy if the ventilated area is not occupied at its usual occupant density at the time the CO_2 is measured. Elevated CO_2 concentrations suggest that other indoor contaminants may also be increased. If CO_2 concentrations are elevated, the amount of outdoor air introduced into the ventilated space may need to be increased."

Several other organizations and government bodies including NIOSH, Indiana State Department of Health and the Illinois Department of Public Health have adopted similar guidelines for carbon dioxide levels in the indoor environment.

It should be noted that the spot collection of data, the method used in this assessment, has limitations since a close approximation of building steady state conditions are required to fully evaluate the carbon dioxide data. Formal efforts to approximate steady state conditions (population density changes, manipulation of outdoor air damper changes, etc.) were not conducted. However, parameters such as the type of ventilation systems present, damper settings/approximate amount of outdoor air mix and number of building occupants present in the area during measurement times were collected to assist in the data evaluation.

Carbon dioxide concentrations ranged from 500-630 ppm. Based on the limited air sampling conducted, the carbon dioxide concentrations in all monitoring locations were within the ASHRAE guideline (outside levels + 700 ppm).

Carbon Monoxide

Carbon monoxide (CO) is a colorless and odorless gas produced by combustion sources such as hot water heaters, boilers, propane powered vehicles, and vehicle exhaust, etc. Indoors, malfunctioning furnaces, flue pipe leakage, and vehicle exhaust gas infiltration commonly cause high levels of carbon monoxide.

Health effects associated with high level exposures include dizziness, headache, nausea, and in severe cases, death.

Carbon monoxide levels were below equipment detection limits (< 1ppm) in all indoor areas tested, therefore below the NAAQS guideline of 9 ppm and there were not indications of a significant CO source in the building.

Volatile Organic Compounds (VOCs)

Volatile organic compounds are released from dispersants and toners used in the photocopying process, interior building furnishings such as carpet, furniture, wall covering textiles and adhesives. Certain cleaning compounds or other solvent based products used within buildings usually contain hydrocarbon based products. VOCs can be irritants to the eyes, skin, respiratory system, and at high concentrations, can cause dizziness, headaches and adverse central nervous system effects. VOCs can be found in many common materials, including those of furnishings, consumer and/or office products, and construction materials.

VOCs were not detected in concentrations greater than 1ppm in the sample locations. There was no indication of an active VOC source.

Conclusions and Recommendations

Hygieneering performed a mold and moisture assessment at W.W. Grainger of the 1657 Shermer Road Building. Hygieneering found visible signs of mold growth underneath the window sills of the south and west perimeter of the old office area. In addition, the moisture survey found elevated moisture levels along the majority of the window sills of the south and west windows. In the southeast corner of the old office area, the carpet and drywall wall also had elevated moisture levels. Surface mold sampling confirmed mold growth on the window sills. Airborne mold spore sampling did not find elevated levels of airborne mold spores in the building; however, the sample collected near the window sill in the southeast corner, did have a mold spore associated with log-term water damage.

The old office area affected by a recent roof leak was free of visible signs of water stains, water damage, and mold growth. All accessible ceiling and roof materials in the area were dry.

Food crumbs and stains were also noted on the backside of cabinets throughout the cubicle areas of the old building. There was no indication of mold growth associated with the food crumbs and the surface sample indicated that there is no mold growth on the file cabinets.

All of the baseline IAQ parameters that were monitored were within typical office building levels except for relative humidity which was elevated compared to ASHRAE standard 55-2004. These conditions are most likely due to HVAC settings, rather than outdoor conditions on the day of the assessment.

Based upon an overall evaluation of the data collected; including discussions with building representatives, visual assessment, moisture survey, indoor air quality monitoring, surface mold sampling, and airborne mold spore sampling Hygieneering recommends the following:

- The water damage and mold growth on the window sills should be addressed following recommendations in the EPA's Mold Remediation in Schools and Commercial Buildings document. https://www.epa.gov/mold/mold-remediation-schools-and-commercial-buildings-guide. The source of the water infiltration must be corrected to prevent future water damage and mold growth.
- Conduct destructive testing of the drywall under the window sills on the old section of the building to determine the extent of the mold issue. This must be conducted in a controlled manner using engineering controls and work practices to minimize the dispersal of dust when opening small sections for visual examination. A combination of areas should be selected that have apparent water damage and no or minimal water damage.
- Clean the backside of cabinets which have food crumbs and stains. Limit employees' food and beverage storage on cabinet tops. In addition, increase housekeeping efforts in the old office cubicle area to remove the excessive dust, food crumbs and insects.
- Consider using a lift to confirm no elevated moisture is present in the new roof material and surrounding areas or wait until the relative humidity levels return to normal conditions. Hygieneering was unable to reach the underside of the roof decking during the inspection of the old office. The high humidity conditions in the building may have limited evaporative cooling, which normally occurs on the surface of wet building materials and is detectable using thermal imaging.
- Adjust the HVAC settings to reduce the high humidity levels found throughout the building. Humidity levels above 60% can promote microbial growth in the office areas.
- Consider conducting a follow-up indoor air quality assessment if any building conditions or operating parameters change that may negatively impact the air quality of the facility. Common examples include significant renovations, changes to the ventilation system, large-scale abatement projects or significant additions in the occupancy level.

Thank you for the continued opportunity to provide quality environmental, health and safety services to W.W. Grainger. If you have any questions or would like assistance in implementing any of these recommendations, please contact us at (630) 654-2550.

Respectfully Submitted,
Hygieneering, Inc.

Travis Fellers
EHS Consultant

David L. Zeidner, MS, CMR, WRT, LEED AP
Director of Indoor Air Quality Services

John Feller, CIH, CSP
President

ATTACHMENT 1

LABORATORY REPORT
SURFACE (TAPE LIFT) SAMPLES & MOLD SPORE TRAP SAMPLES

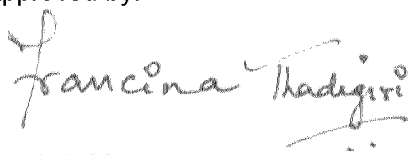
EMLab P&K
A TestAmerica Company

Report for:

Mr. David Zeidner
Hygieneering, Inc.
7575 Plaza Ct
Willowbrook, IL 60527

Regarding: Project: Grainger
EML ID: 1591510

Approved by:



Lab Manager
Francina Thadigiri

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-26-2016

Service SOPs: Direct microscopic exam (Qualitative) (EM-MY-S-1039)
AIHA-LAP, LLC accredited service, Lab ID #176641

EMLab P&K
1815 West Diehl Road, Suite 800, Naperville, IL 60563
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: Hygieneering, Inc.
C/O: Mr. David Zeidner
Re: Grainger

Date of Sampling: 08-24-2016
Date of Receipt: 08-26-2016
Date of Report: 08-29-2016

DIRECT MICROSCOPIC EXAMINATION REPORT

Location:	T-01: Cabinets	T-02: Window
Sample type:	Tape sample	Tape sample
Lab ID-Version‡:	7385986-1	7385987-1
Analysis Date:	08/26/2016	08/26/2016
MOLD/FUNGAL GROWTH*: Molds seen growing with underlying mycelial and/or sporulating structures		
Acremonium		
Alternaria		
Aureobasidium		
Basidiospores		
Chaetomium		4+
Cladosporium		
Colorless spore type, ID unknown	< 1+	
Colorless spores typical of Penicillium / Aspergillus		
Fusarium		
Other colorless, ID unknown		
Stachybotrys		
Torula		
Ulocladium		
Miscellaneous spores**	Very few	Very few
Other comments†	None	A few Mites detected
Background debris or Description††	Light	Light
General impression	Minimal mold growth	Mold growth

* See Mold/Fungal Growth Details table on the last page.

** See Miscellaneous Spores table on the last page.

† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

†† Background debris is an indication of the amounts of non biological particulate matter present. This background amorphous material is graded and described as scant, light, moderate, heavy, or very heavy. (Very heavy background debris may obscure visibility.)

Fungal types listed without a growth rating or data entry were not detected during the course of the analysis for the respective sample.

Interpretation is left to the company and/or persons who conducted the field work.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
The limit of detection is < 1+ when mold growth is detected.

EMLab P&K
1815 West Diehl Road, Suite 800, Naperville, IL 60563
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: Hygieneering, Inc.
C/O: Mr. David Zeidner
Re: Grainger

Date of Sampling: 08-24-2016
Date of Receipt: 08-26-2016
Date of Report: 08-29-2016

Mold/Fungal Growth Rating Details

Growth Rating	Quantities of molds indicating growth are listed in the MOLD/FUNGAL GROWTH section. Judgement is used in determining the amount of growth present in the sample. For example, if only one portion of the sample has evidence of heavy growth, then it will receive a rating of heavy growth even though, strictly speaking, on a percentage basis of the entire sample, the amount of growth is low.	
	Swab/Tape/Dust/Wipe sample	Bulk Sample
< 1+ (Very Light Growth)	Evidence of very light growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in less than 10% of the microscopic fields examined.	Areas of very light growth detected by the presence of spores of one type seen with underlying mycelial and/ or with their sporulating structures in the bulk sample.
1+ (Light Growth)	Evidence of light growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 10 to 25% of the microscopic fields examined.	Areas of light growth detected by the presence of spores of one type seen with underlying mycelial and/ or with their sporulating structures in the bulk sample.
2+ (Moderate Growth)	Evidence of moderate growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 26 to 50% of the microscopic fields examined.	Areas of moderate growth detected by the presence of spores of one type seen with underlying mycelial and/ or with their sporulating structures in the bulk sample.
3+ (Heavy Growth)	Evidence of heavy growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 51 to 75% of the microscopic fields examined.	Areas of heavy growth detected by the presence of spores of one type seen with underlying mycelial and/ or with their sporulating structures in the bulk sample.
4+ (Very Heavy Growth)	Evidence of very heavy growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found to be nearly confluent in the majority of the microscopic fields examined.	Areas of very heavy growth detected by the presence of spores of one type seen with underlying mycelial and/ or with their sporulating structures in the bulk sample.

Miscellaneous Spores

Slides/specimens are examined for the presence of mold spores and pollen, noting the quantities and distribution of spore types found. A designation of 'normal trapping' is made when a mix of spore types is present with the same general distribution as is usually found outdoors. In other words, the biological component of the sample surface is like that found everywhere. Types of spores present would include basidiospores (mushroom spores), myxomycetes (slime molds), plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating. Many of these spore types would not be found growing indoors on building materials since many plant pathogens require living plants for growth, and mushrooms require compost, leaf duff of various types, or associations with roots of certain trees, etc. Due to these factors, when a mix of spores seen include these types as well as pollen, the rational source is the outside air, rather than indoor mold growth. The numbers of miscellaneous spores seen are graded and described as shown below as none, very few, few, variety, and wide variety.

None	Very Few	Few	Variety	Wide Variety
No spores detected	Very few spores detected	A few spores detected	Many spores containing a variety of different genera detected	Many spores containing a wide variety of different genera detected

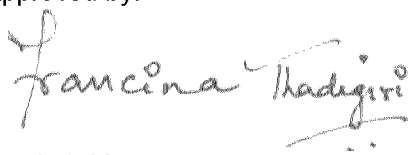
EMLab P&K
A TestAmerica Company

Report for:

Mr. David Zeidner
Hygieneering, Inc.
7575 Plaza Ct
Willowbrook, IL 60527

Regarding: Project: Grainger
EML ID: 1591510

Approved by:



Lab Manager
Francina Thadigiri

Dates of Analysis:
Spore trap analysis: 08-26-2016

Service SOPs: Spore trap analysis (EM-MY-S-1038)
AIHA-LAP, LLC accredited service, Lab ID #176641

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

EMLab P&K
1815 West Diehl Road, Suite 800, Naperville, IL 60563
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: Hygieneering, Inc.
C/O: Mr. David Zeidner
Re: Grainger

Date of Sampling: 08-24-2016
Date of Receipt: 08-26-2016
Date of Report: 08-29-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	23066902: S1 D05		23066873: S1 N04		23066893: S1 P20	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7385988-1		7385989-1		7385990-1	
Analysis Date:	08/26/2016		08/26/2016		08/26/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Chaetomium			1	13		
Cladosporium	8	430	7	370		
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown	1	13				
Other colorless						
Penicillium/Aspergillus types†	1	53	1	53	8	430
Pithomyces						
Rusts			1	13	1	13
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+		2+		1+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		13		< 13	
Skin cells (1-4+)	< 1+		< 1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		490		450		440

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: Hygieneering, Inc.
C/O: Mr. David Zeidner
Re: Grainger

Date of Sampling: 08-24-2016
Date of Receipt: 08-26-2016
Date of Report: 08-29-2016

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	23066898: S1 G58		23066881: S1 W49		23066863: Outside	
Comments (see below)	None		None		None	
Lab ID-Version‡:	7385991-1		7385992-1		7385993-1	
Analysis Date:	08/26/2016		08/26/2016		08/26/2016	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria					1	13
Ascospores					10	530
Basidiospores					23	1,200
Chaetomium						
Cladosporium			1	53	2	110
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown					1	13
Other colorless						
Penicillium/Aspergillus types†	1	53	2	110	2	110
Pithomyces	1	13				
Rusts	7	93				
Smuts, Periconia, Myxomycetes			4	53	2	27
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+		1+		1+	
Hyphal fragments/m3	13		< 13		13	
Pollen/m3	13		< 13		13	
Skin cells (1-4+)	1+		1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		160		210		2,000

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium, Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m^3 divided by the raw count, expressed in spores/m^3. The limit of detection is the analytical sensitivity (in spores/m^3) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

ATTACHMENT 2

DIRECT READ AIR MONITORING DATA

Hygieneering, Inc.
industrial hygiene, safety and environmental consulting services

Industrial Hygiene Air Sampling Data

Client: W.W.Grainger
Proj. # 2016-2957
Date: 8/24/2016
Location: 1657 Shermer Rd Northbrook

Direct Read Measurements

Location	Time	Carbon Dioxide (ppm)	Relative Humidity (%)	Temperature (°F)	Carbon Monoxide (ppm)	VOC (ppm)	Comments/ Occupants
Old Section – S1D05	11:25 AM	625	67.6	72.1	ND	<1.00	8
	1:48 PM	630	79.5	71.4	ND	<1.00	8
Old Section – S1N04	11:32 AM	590	69.1	71.0	ND	<1.00	2
	1:53 PM	592	78.9	71.8	ND	<1.00	2
Old Section – S1F13	11:37 AM	560	71.6	70.6	ND	<1.00	0
	1:57 PM	590	77.9	72.3	ND	<1.00	0
Old Section – S1Q16	11:40 AM	540	74.1	71.1	ND	<1.00	2
	2:00 PM	577	74.9	72.3	ND	<1.00	2
Old Section – S1P20	11:45 AM	520	73.9	72.3	ND	<1.00	6
	2:02 PM	565	73.9	72.2	ND	<1.00	6
New Section – L44	11:48 AM	500	74.3	73.9	ND	<1.00	10
	2:04 PM	513	76.5	72.9	ND	<1.00	10
New Section – E52	11:51 AM	500	73.2	73.9	ND	<1.00	7
	2:08 PM	520	74.2	73.9	ND	<1.00	7
New Section – S1G58	11:55 AM	515	73.1	74.0	ND	<1.00	6
	2:12 PM	534	73.0	74.0	ND	<1.00	6
New Section – W63	11:57 AM	540	69.5	72.9	ND	<1.00	6
	2:19 PM	541	70.1	73.1	ND	<1.00	6
New Section – W49	12:00 PM	530	73	73.3	ND	<1.00	7
	2:21 PM	572	72.7	72.9	ND	<1.00	7

ppm = Parts Per Million
ND = None Detected
ASHRAE Guideline:
Carbon Dioxide max = outdoor + 700 ppm
EPA NAAQS
Carbon Monoxide: 9ppm
Volatile Organic Compounds – Screening for Active Source >1ppm
Measurements Obtained With: BW Technologies GasProbe IAQ Monitor and Rae Systems ppbRae PID

Hygieneering, Inc.
industrial hygiene, safety and environmental consulting services

Industrial Hygiene Air Sampling Data

Client: W.W.Grainger
Proj. # 2016-2957
Date: 8/24/2016
Location: 1657 Shermer Rd Northbrook

Direct Read Measurements

Location	Time	Carbon Dioxide (ppm)	Relative Humidity (%)	Temperature (°F)	Carbon Monoxide (ppm)	VOC (ppm)	Comments/ Occupants
Outside	12:40 PM	350	81	79.3	ND	<1.00	-
	2:25 PM	357	82.8	79.9	ND	<1.00	-

ppm = Parts Per Million
ND = None Detected
ASHRAE Guideline:
Carbon Dioxide max = outdoor + 700 ppm
EPA NAAQS
Carbon Monoxide: 9ppm
Volatile Organic Compounds – Screening for Active Source >1ppm
Measurements Obtained With: BW Technologies GasProbe IAQ Monitor and Rae Systems ppbRae PID

Pepper
ENVIRONMENTAL TECHNOLOGIES

411 Lake Zurich Road
Barrington, IL 60010

MAIN: 847.381.2760
CELL: 847.489-9846

September, 15, 2016

Mr. Mark Dudasik
Project Engineer
Pepper Construction Group
643 N Orleans
Chicago, IL 60654 e-mail: mdudasik@pepperconstruction.com

RE: Grainger Northbrook, IL – Mold Inspection and Air Sampling

Pepper Environmental Technologies, Inc. conducted a mold inspection and air sampling survey at Grainger Property located at 1657 Shermer Road in Northbrook, Illinois. The survey was performed on September 10th, 2016 in response to the known presence of mold-impacted Formica window sills that are in plans to be replaced. Mold air samples were collected at random in conjunction with visual inspections of the wall cavities below the mold-impacted window sills.

The mold sampling was conducted using a Calibrated High Volume Air Sampling Pump and Air-O-Cell cassettes. All samples were collected at 15 liter per minute rate for 5 minutes. All samples were transported to STAT Analysis Corporation for laboratory analysis.

Prior to any sampling, a visual inspection of random areas within the wall cavity was completed. This was done to identify areas with potential concerns. No stains or signs of moisture infiltrating down into the wall cavity from the above sills were noted. Following the visual inspection, air samples were collected inside the areas of concern. Mold spores are like microscopic seeds. Virtually all molds produce spores. Each species of mold produces spores that are unique to its species. This morphology is used to identify and, in the case of air samples, quantify the mold specie types and quantities that might be present. Spores are found in both indoors and outdoors.

Currently there are no federal, state, or local standards regulating exposure to molds. In lieu of any standard, samples are usually evaluated in one of two ways. The first is by comparing the total airborne concentration of spores found inside the building to those found outside the building. Typically, inside concentrations are less than outside concentrations. If the opposite occurs, it may be an indication of a concern. The second method is to evaluate the genus/species of the mold spores identified. This is typically done for both air and surface samples. In general, airborne molds identified inside a building should be similar to those found outside the building. If significant variations are observed, it may also be an indication of a potential mold problem.

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RESULTS

The laboratory results are attached. The mold air test sample results are as follows:

AREA SAMPLED	TOTAL FUNGAL SPORE COUNTS	SPORE COUNTS PER CUBIC METER OF AIR	IDENTIFICATIONS
Office Southeast: GN-1	35	467	*Ascospores, Aspergillus/ Penicillium, Basidiospores, Smuts/Myxomycetes, Stachybotrys*
Office Southwest: GN-2	1	13	*Smuts/Myxomycetes*
Office Southwest: GN-3	19	253	*Aspergillus/Penicillium, Basidiospores, Rusts, Smuts/Myxomycetes*
Office Northwest: GN-4	22	293	*Aspergillus/Penicillium, Cladosporium, Rusts, Smuts/Myxomycetes*
Kitchen Conference Room: GN-5	27	360	*Ascospores, Aspergillus/Penicillium, Basidiospores, Rusts, Smuts/Myxomycetes*
Outdoors: GN-6	127	1,693	*Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Nigrospora, Pithomyces, Rusts, Smuts/Myxomycetes*

A copy of the laboratory results for the mold air sampling has been attached. No surface area bulk or tape lift samples were collected within the wall cavities because no obvious signs of visible mold-growth were present. Pictures of the areas visually observed are included below.

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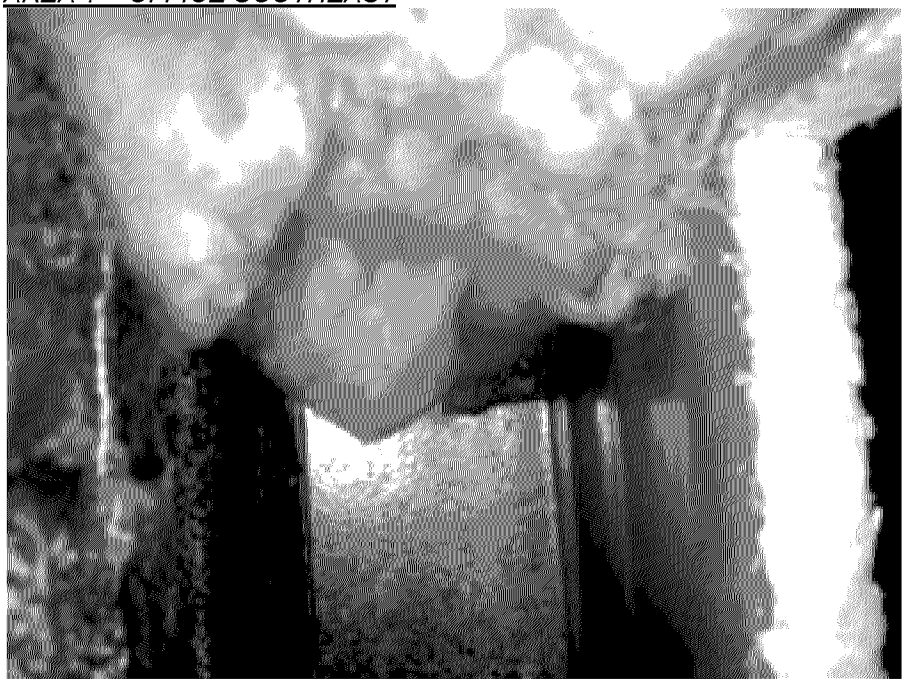
PICTURES OF WALL CAVITIES

AREA 1 – OFFICE SOUTHEAST



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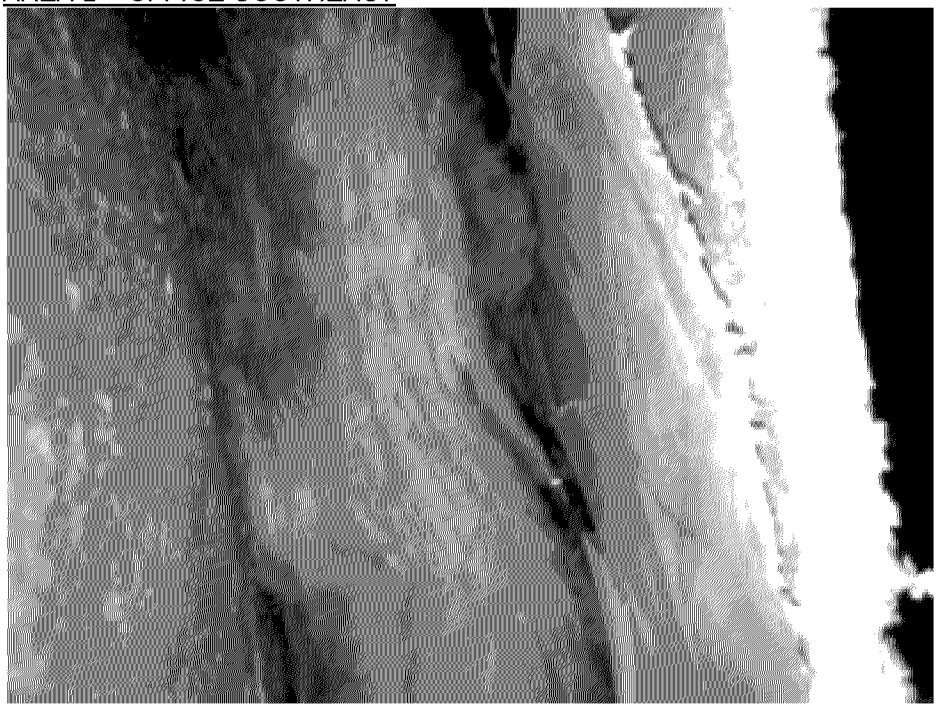
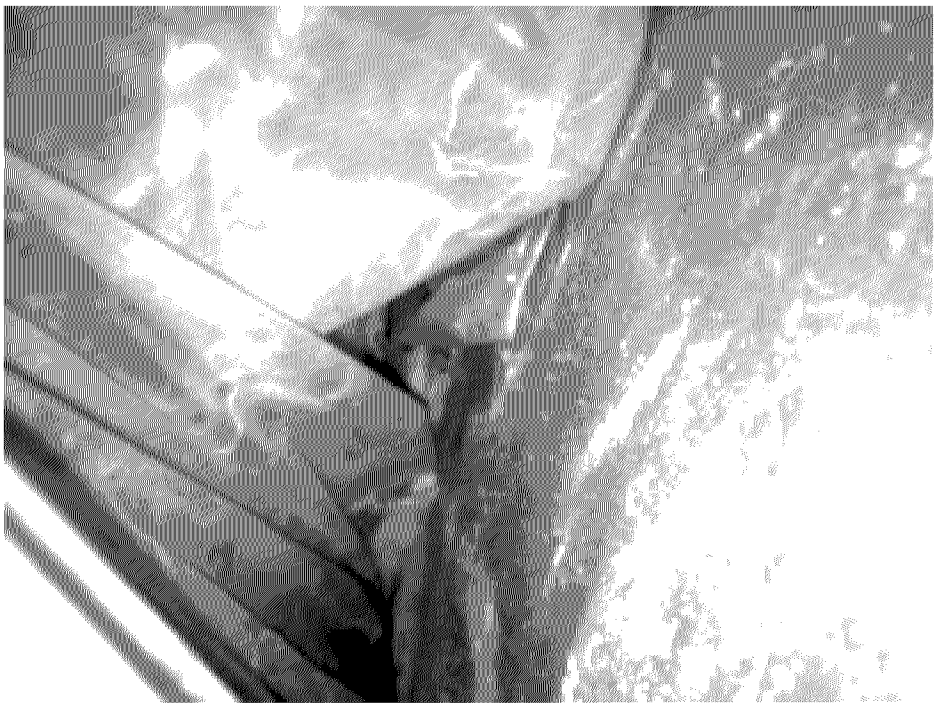
AREA 2 – OFFICE SOUTHEAST





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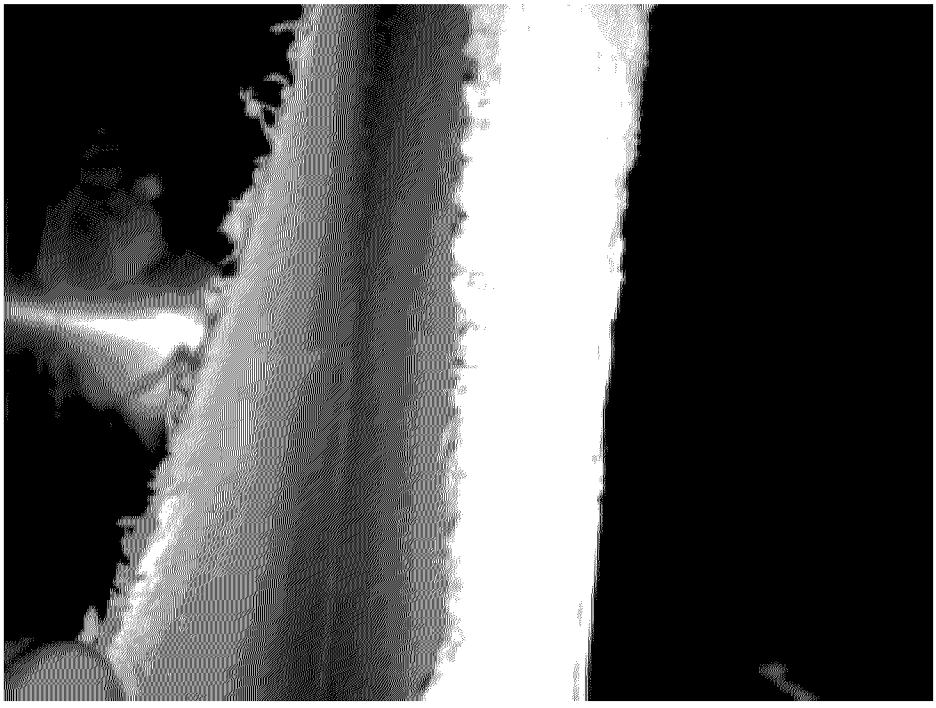
AREA 3 – OFFICE SOUTHWEST



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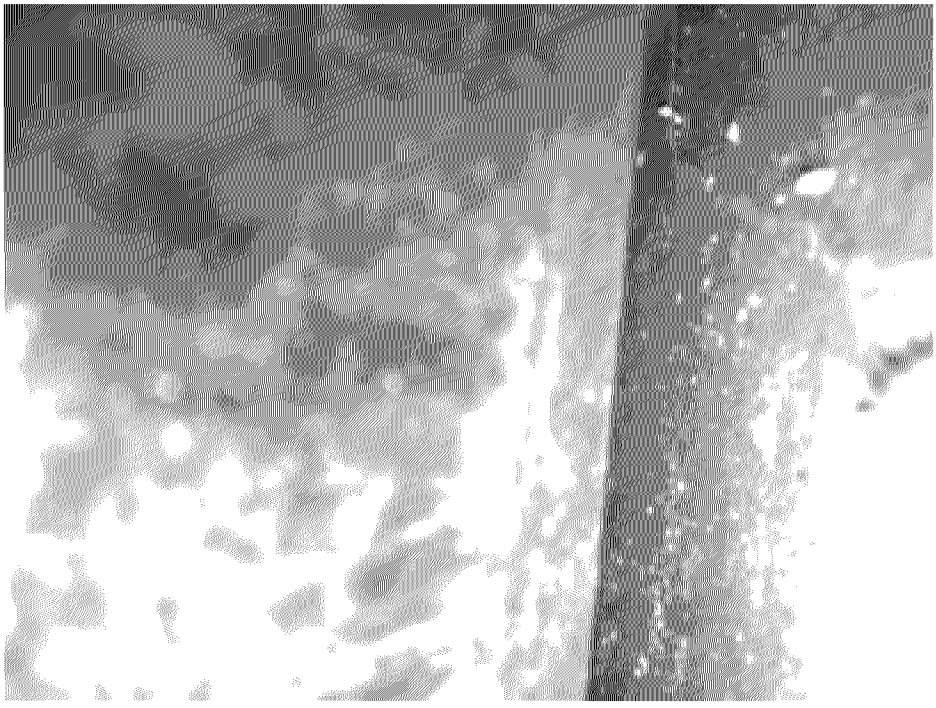
AREA 4 – OFFICE SOUTHWEST



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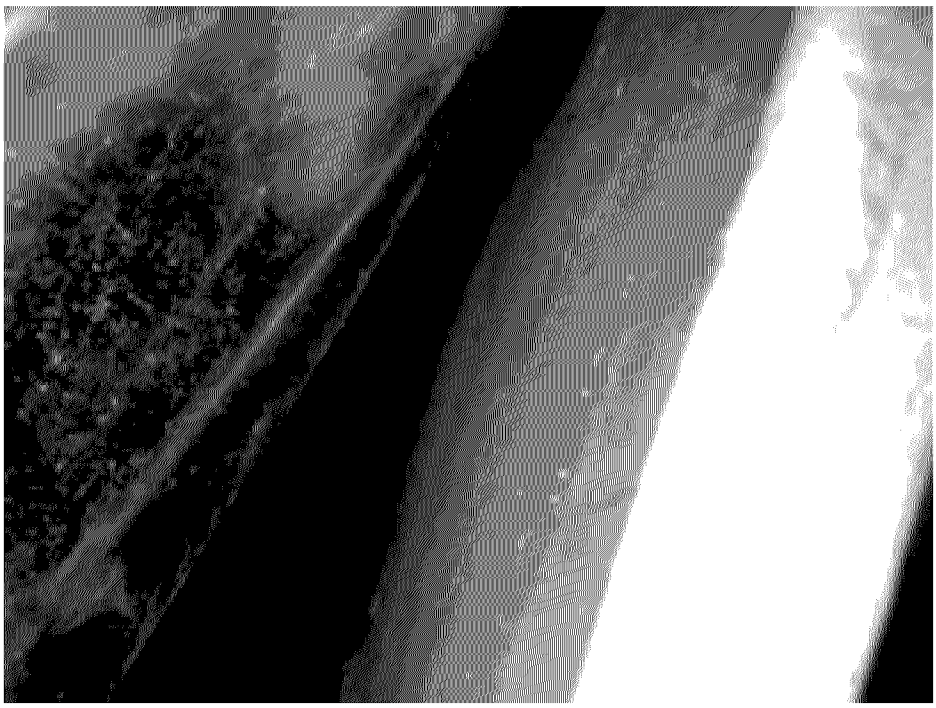
AREA 5 – OFFICE NORTHWEST



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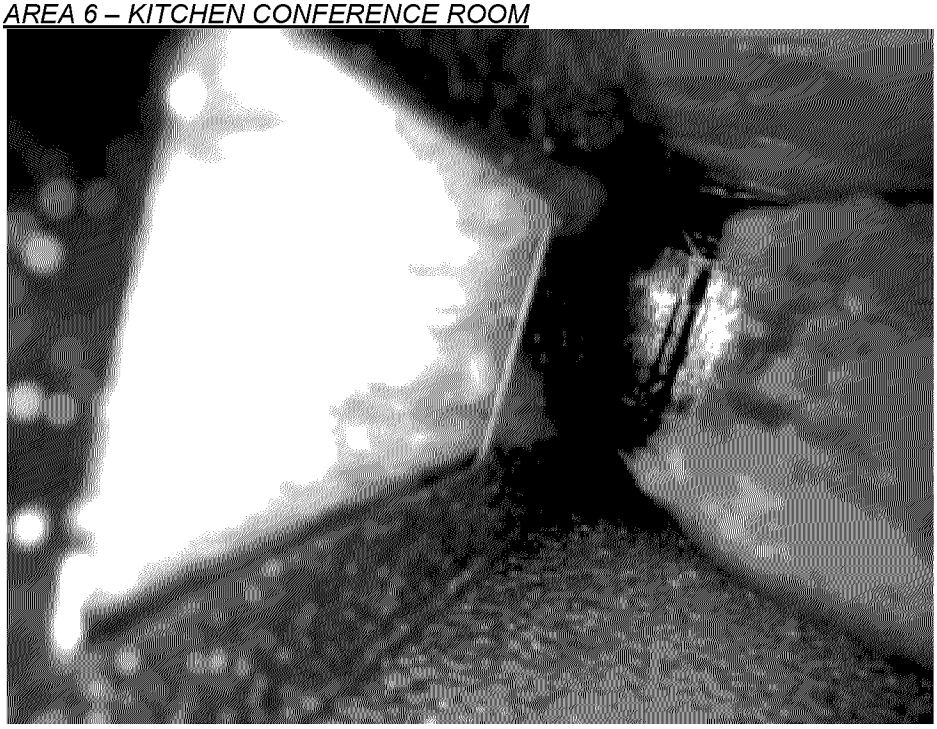
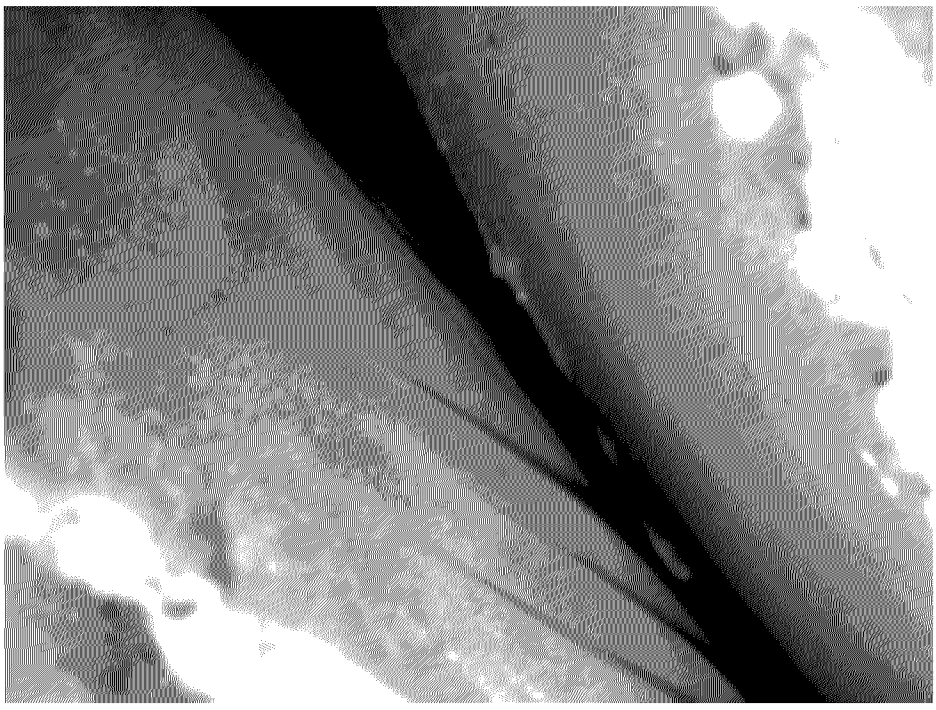
AREA 6 – KITCHEN CONFERENCE ROOM





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CONCLUSIONS AND RECOMMENDATIONS

There are no governmental standards for acceptable levels of mold spores. The American Conference of Governmental Industrial Hygienists (ACGIH) agrees that levels from 500 to 1,000 could be a concern to those individuals that have a compromised respiratory system. All indoor mold spore trap air sample results were less than 500 spores per cubic meter (m^3) of air, ranging between 13 to 467 spores/m^3.

At the time of air testing, no moldy or musty odors were noted within the selected portions of the wall cavities in question. Furthermore, no visible mold-growth was observed within the inspected areas. The air sampling, conducted in the areas of concern, showed significantly lower total spore counts as compared the control sample collected outdoors/outside the building, which is a normal finding. Outdoor mold spore levels were three and a half times higher than the highest indoor sample result found during this survey. This is also indicative of normal indoor conditions.

Exploratory cuts were made in random areas below the mold-impacted sills in an effort to assess potential mold-growth inside the wall cavities. Based on these results, the select portions of the wall cavities that were inspected do not appear to harbor a mold concern. However, it is possible that mold-impacted materials exist within inaccessible portions of the wall cavities adjacent to the areas inspected. In this respect, care should be taken when performing renovation activities.

If you have any questions, please let us know.

Stephen C. Soloma – Project Engineer
Pepper Environmental Technologies, Inc.

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

September 15, 2016

Pepper Environmental Technologies
411 Lake Zurich Road
Barrington, IL 60610
Telephone: (847) 304-1326
Fax: (847) 304-0121

Analytical Report for STAT Work Order: 16090409 Revision 0

RE: Grainger Northbook / Mold, 1657 Shermer Rd.

Dear Steve Soloma:

STAT Analysis received 6 samples for the referenced project on 9/12/2016 10:50:00 AM. The analytical results are presented in the following report.

Enclosed are the analytical results for the above referenced project. The samples were analyzed as per the enclosed chain of custody.

All analyses were performed in accordance with established microbiology methodology. All Quality Control criteria as specified in the methods have been met. QA/QC documentation and raw data will remain on file for future reference. Sample acceptance criteria has been met unless noted in the Case Narrative or Sample Receipt Checklist. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions about the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Daniel Mikos
Microscopist

STAT Analysis Corporation:
2242 West Harrison St., Suite 200, Chicago, Illinois 60612-3766
Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

Analytical Report for Microbiological Analysis - Fungal Spores in Air

Client:	Pepper Environmental Technologies	Date/Time Received:	9/12/16 10:50
Project ID:	Grainger Northbrook/Mold, 1657 Shermer Rd.	Date Analyzed:	9/15/2016
STAT Project No.:	16090409	Analyzed By:	DM

Client Sample No.:	GN-1				GN-2				GN-3				GN-4			
Sample Description:	Office SE, Under Sill				Office SW, Under Sill				Office SW, Under Sill				Office NW, Under Sill			
Date Sampled:	9/10/2016				9/10/2016				9/10/2016				9/10/2016			
STAT Sample No.:	16090409-001				16090409-002				16090409-003				16090409-004			
Volume (m^3):	0.075				0.075				0.075				0.075			
	Total Count	Count/ m^3	DL	%	Total Count	Count/ m^3	DL	%	Total Count	Count/ m^3	DL	%	Total Count	Count/ m^3	DL	%
Total Fungal Spores:	35	467	13	100	1	13	13	100	19	253	13	100	22	293	13	100
Alternaria																
Ascospores	6	80		17.1												
Aspergillus/Penicillium	4	53		11.4					1	13		5.3	1	13		4.5
Basidiospores	4	53		11.4					1	13		5.3				
Botrytis																
Cercospora																
Chaetomium																
Cladosporium													5	67		22.7
Curvularia																
Drechslera/Bipolaris																
Epicoccum																
Fusarium																
Nigrospora																
Oidium/Erysiphe																
Periconia																
Phoma																
Pithomyces																
Pleospora																
Polythrincium																
Rhizopus/Mucor																
Rusts									2	27		10.5	1	13		4.5
Smuts/Myxomycetes	20	267		57.1	1	13		100.0	15	200		78.9	15	200		68.2
Stachybotrys	1	13		2.9												
Stemphylium																
Torula																
Ulocladium																
Unidentified Fungi																
Other																
Mycelial Fragments																
Debris Level	Moderate				Low				Moderate				Moderate			
Organic Material	Present				Present				Present				Present			

DL - Detection Limit = Spores/m^3

SOP 6110

STAT Analysis Corporation:
2242 West Harrison St., Suite 200, Chicago, Illinois 60612-3766
Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

Analytical Report for Microbiological Analysis - Fungal Spores in Air

Client:	Pepper Environmental Technologies	Date/Time Received:	9/12/16 10:50
Project ID:	Grainger Northbrook/Mold, 1657 Shermer Rd.	Date Analyzed:	9/15/2016
STAT Project No.:	16090409	Analyzed By:	DM

Client Sample No.:	GN-5				GN-6											
Sample Description:	Kitchen Conf. Rm, Under Sill				Outdoors											
Date Sampled:	9/10/2016				9/10/2016											
STAT Sample No.:	16090409-005				16090409-006											
Volume (m^3):	0.075				0.075											
	Total Count	Count/ m^3	DL	%	Total Count	Count/ m^3	DL	%	Total Count	Count/ m^3	DL	%	Total Count	Count/ m^3	DL	%
Total Fungal Spores:	27	360	13	100	127	1,693	13	100				100				100
Alternaria																
Ascospores	3	40		11.1	40	533		31.5								
Aspergillus/Penicillium	3	40		11.1	10	133		7.9								
Basidiospores	10	133		37.0	40	533		31.5								
Botrytis																
Cercospora																
Chaetomium																
Cladosporium					15	200		11.8								
Curvularia																
Drechslera/Bipolaris																
Epicoccum																
Fusarium																
Nigrospora					2	27		1.6								
Oidium/Erysiphe																
Periconia																
Phoma																
Pithomyces					1	13		0.8								
Pleospora																
Polythrincium																
Rhizopus/Mucor																
Rusts	1	13		3.7	4	53		3.1								
Smuts/Myxomycetes	10	133		37.0	15	200		11.8								
Stachybotrys																
Stemphylium																
Torula																
Ulocladium																
Unidentified Fungi																
Other																
Mycelial Fragments																
Debris Level	Moderate				Low											
Organic Material	Present				Present											

DL - Detection Limit = Spores/m^3

SOP 6110

STAT Analysis Corporation
2242 West Harrison Street, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com

MICROBIOLOGY CHAIN OF CUSTODY RECORD

Page : 1 of 1

Client: Pepper Environmental
Street Address: 411 Lake Zurich Rd
City, State, Zip: Barrington, IL 60010
Phone: (630) 710-3834
Fax:
e-mail/Alt. Fax: ssoloma@pepperenvironmental.com
Project Number:
Project Name: Grainger Northbrook/Mold
Project Location: 1657 Shermer Rd.
Project Manager: Steve Soloma
P.O. Number:

Office Use Only Below:
Work Order No.: 16090409
Samples Acceptable: Yes: ☑ No: ☐
Analyzed By:
Date/Time: 9/15/16
Data File:
QC By:
Reported By (Initial/Date/Time):
Verbal:
Fax/e-mail:

Turn Around Time: <1 ☐ 1 ☐ 2 ☐ 3 ☒ Viable: 6-10 ☐
Other TAT: Date Due: Time Due:
Relinquished by: Date/Time:
Received by: Date/Time:
Relinquished by: Date/Time:
Received for lab by: Date/Time: 9/12/16 0930
Relinquished by: Date/Time:
Received by: Date/Time:

Client Sample Number/Description:	Date Taken	Time Taken	Volume (Liters)	Area Wiped (Units)^2	Laboratory Sample No.	Non-Viable: Air Cassette	Direct Exam-Tape	Direct Exam-Swab	Direct Exam-Bulk	Viable: Air Impact	Swab	Bulk	Other:
GN-1/Office SE, under Sill	9-10-16	8-805	75		001	X							
GN-2/office SW, under Sill		806-811	75		002	X							
GN-3/office SW, under Sill		812-817	75		003	X							
GN-4/office NW, under Sill		818-823	75		004	X							
GN-5/Kitchen Conf. Rm under Sill		824-829	75		005	X							
GN-6/Outdoors		830-835	75		006	X							

Comments: Samples collected from Drywall Cavities - outdoor sample collected for comparison

Appendix D - Third-Party Database Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*81.0220267.07 Northbrook 1657 Shermer Phase I* *1657 Shermer Road* *Northbrook IL 60062*
Project No:	*81.0220267.07 Northbrook 1657 Shermer Phase I*
Report Type:	*Database Report*
Order No:	*20180124151*
Requested by:	*Huff & Huff, Inc.*
Date Completed:	*January 25, 2018*

Environmental Risk Information Services
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:		*81.0220267.07 Northbrook 1657 Shermer Phase I* *1657 Shermer Road Northbrook IL 60062*
Project No:		*81.0220267.07 Northbrook 1657 Shermer Phase I*
Coordinates:		
	Latitude:	*42.12295*
	Longitude:	*-87.827682*
	UTM Northing:	*4,663,758.88*
	UTM Easting:	*431,585.20*
	UTM Zone:	*UTM Zone 16T*
Elevation:		*645 FT*

Order Information:

Order No:	*20180124151*
Date Requested:	*January 24, 2018*
Requested by:	*Huff & Huff, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	1	0	-	1
CERCLIS	Y	.5	0	0	1	0	-	1
CERCLIS NFRAP	Y	.5	0	0	1	0	-	1
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	1	0	0	1
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	0	0	-	-	0
RCRA CESQG	Y	.25	0	1	0	-	-	1
RCRA NON GEN	Y	.25	1	1	3	-	-	5
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
State								
SSU	Y	1	0	0	0	0	0	0
DELISTED SSU	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	0	-	0
SWF/LF SPECIAL	Y	.5	0	0	0	0	-	0
NIPC	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
CCDD	Y	.5	0	0	0	0	-	0
LUST	Y	.5	1	7	1	11	-	20
DELISTED LUST	Y	.5	0	0	0	0	-	0
LUST TRUST	Y	.5	0	0	0	2	-	2
UST	Y	.25	1	4	1	-	-	6
AST	Y	.25	0	0	0	-	-	0
DELISTED TANK	Y	.25	0	0	0	-	-	0
ENG CONTROL	Y	.5	0	2	1	2	-	5
INST CONTROL	Y	.5	0	2	1	2	-	5
SRP	Y	.5	0	2	1	3	-	6
BROWNFIELDS	Y	.5	0	0	0	0	-	0
BROWN MBRGP	Y	.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
NCDL	Y	PO	0	-	-	-	-	0
ODI	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0
State								
SPILLS	Y	.125	1	8	-	-	-	9
SPILLS2	Y	.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED DRYC	Y	.25	0	0	0	-	-	0
CDL	Y	.25	0	0	0	-	-	0

Tribal ***No Tribal additional environmental record sources available for this State.***

County ***No County additional environmental record sources available for this State.***

Total:	*4*	*27*	*12*	*20*	*0*	*63*

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	LUST	W W Grainger Inc.	1657 North Shermer Rd. Northbrook IL 60062	W	0.01 / 37.04	-3	25
			Incident No | NFR NFA Date: *911603 | 2/27/2009 12:00:00 AM*				
1	RCRA NON GEN	DAYTON INDUSTRIES PARTS CO OF AMERICA	1657 SHERMER RD NORTHBROOK IL 60062	W	0.01 / 37.04	-3	25
1	SPILLS	W.W. GRAINGER INC.	1657 N. SHERMER RD. NORTHBROOK IL	W	0.01 / 37.04	-3	29
			Incident No: *911603*				
1	UST	Parts Co Of America	1657 Shermer Rd Northbrook IL 60062	W	0.01 / 37.04	-3	30
			Facility No | Facility Status: *2027089 | Closed* ***Tank No | Status | Removed Date:*** *1 | Removed | 6/1/1991, 2 | Removed | 6/1/1991, 3 | Removed | 6/1/1991*				

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	LUST	Marathon Oil Co.	1544 North Shermer Rd. Northbrook IL 60062	NW	0.01 / 77.02	-4	31
			Incident No | NFR NFA Date: 902323 | 10/15/1990 12:00:00 AM				
2	SPILLS	MARATHON PETROLEUM CO.	1544 N. SHERMER RD. NORTHBROOK IL	NW	0.01 / 77.02	-4	32
			Incident No: 902323				
2	UST	Marathon Unit #2377	1544 Shermer & Illinois St Northbrook IL 60062	NW	0.01 / 77.02	-4	33
			Facility No | Facility Status: 2013820 | Closed ***Tank No | Status | Removed Date:*** 2 | Removed | 4/14/1988, 1 | Removed | 4/14/1988, 4 | Removed | 4/14/1988, 3 | Removed | 4/14/1988				
3	ENG CONTROL	General Fire Extinguisher Corporation	1707 Shermer Road Northbrook IL 60062	SW	0.02 / 105.22	-1	34
3	INST CONTROL	General Fire Extinguisher Corporation	1707 Shermer Road Northbrook IL 60062	SW	0.02 / 105.22	-1	34
3	SRP	General Fire Extinguisher Corporation	1707 Shermer Road Northbrook IL 60062	SW	0.02 / 105.22	-1	35
4	SPILLS	UNK	SHERMER RD. & IL RD. NORTHBROOK IL	NW	0.03 / 166.21	-4	36
			Incident No: 961129				
5	LUST	Scimeca, Michael	1530 Shermer Rd. Northbrook IL 60062	NW	0.05 / 247.84	-4	37
			Incident No | NFR NFA Date: 990863 | 7/31/2002 12:00:00 AM				
5	SPILLS	MICHAEL SCIMECA	1530 SHERMER ROAD NORTHBROOK IL	NW	0.05 / 247.84	-4	37
			Incident No: 990863				
5	UST	Village Tire, Inc.	1530 Shermer Rd. Northbrook IL 60062	NW	0.05 / 247.84	-4	38
			Facility No | Facility Status: 2018367 | Closed ***Tank No | Status | Removed Date:*** 3 | Removed | 11/18/1997, 2 | Removed | 11/18/1997, 1 | Removed | 11/18/1997, 4 | Exempt from registration |				
6	ENG CONTROL	General Fire Extinguisher Corporation	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	0	39
6	INST CONTROL	General Fire Extinguisher Corporation	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	0	40

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	LUST	RSD Shermar LLC	1685 Shermer Road Northbrook IL 60062 ***Incident No | NFR NFA Date:*** 20021776 |	SW	0.06 / 340.16	0	41
6	LUST	RSD Shermar LLC	1685 Shermer Road Northbrook IL 60062 ***Incident No | NFR NFA Date:*** 20021777 |	SW	0.06 / 340.16	0	41
6	LUST	General Fire Extinguisher	1685 Shermer Rd. Northbrook IL 60062 ***Incident No | NFR NFA Date:*** 911503 | 11/2/1999 12:00:00 AM	SW	0.06 / 340.16	0	42
6	LUST	General Fire Extinguisher Corp.	1685 Shermer Rd. Northbrook IL 60062 ***Incident No | NFR NFA Date:*** 903355 | 3/23/1999 12:00:00 AM	SW	0.06 / 340.16	0	42
6	LUST	General Fire Extinguishers	1685 Shermer Rd. Northbrook IL 60062 ***Incident No | NFR NFA Date:*** 952112 | 11/2/1999 12:00:00 AM	SW	0.06 / 340.16	0	42
6	RCRA NON GEN	FORMER GENERAL FIRE EXTINGUSH	1685 SHERMER RD NORTHBROOK IL 60062	SW	0.06 / 340.16	0	43
6	SPILLS	GENERAL FIRE EXTINGUISHERS INC	1685 SHERMER ROAD NORTHBROOK IL ***Incident No:*** 952112	SW	0.06 / 340.16	0	47
6	SPILLS	RSD SHERMAR, LLC	1685 SHERMAR ROAD NORTHBROOK IL ***Incident No:*** H 2002 1776	SW	0.06 / 340.16	0	48
6	SPILLS	RSD SHERMAR LLC	1685 SHERMAR ROAD NORTHBROOK IL ***Incident No:*** H 2002 1777	SW	0.06 / 340.16	0	49
6	SPILLS	GENERAL FIRE EXTINGUISHER CORP	1685 SHERMER ROAD NORTHBROOK IL ***Incident No:*** 903355	SW	0.06 / 340.16	0	50
6	SPILLS	GENERAL FIRE DISTINGUISHER INC	1685 SHERMER RD. NORTH BROOK IL ***Incident No:*** 911503	SW	0.06 / 340.16	0	51
6	SRP	General Fire Extinguisher Corporation	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	0	52
6	UST	General Fire Extinguisher Corp	1685 Shermer Rd Northbrook IL 60062 ***Facility No | Facility Status:*** 2015588 | Closed ***Tank No | Status | Removed Date:*** 5 | Removed | 12/12/2002, 7 | Exempt from registration | , 1 | Removed | 1/1/1991, 4 | Exempt from registration | 1/30/1996, 6 | Removed | 12/12/2002, 2 | Removed | 11/13/1990, 3 | Exempt from registration | 1/1/1991	SW	0.06 / 340.16	0	52

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	RCRA CESQG	SERFILCO CO	1777 SHERMER NORTHBROOK IL 60062	SSW	0.11 / 577.54	0	54
7	UST	Moody Bible Institute Dist Ctr	1777 Shermer Rd Northbrook IL 60062	SSW	0.11 / 577.54	0	56
			Facility No | Facility Status: 2027589 | Closed ***Tank No | Status | Removed Date:*** 1 | Abandoned in place |				
8	ENG CONTROL	Maurice Sporting Goods	1825 Shermer Road Northbrook IL 60065	SSW	0.20 / 1,031.62	4	56
8	INST CONTROL	Maurice Sporting Goods	1825 Shermer Road Northbrook IL 60065	SSW	0.20 / 1,031.62	4	57
8	SRP	Maurice Sporting Goods	1825 Shermer Road Northbrook IL 60065	SSW	0.20 / 1,031.62	4	58
8	UST	Maurice Sporting Goods	1825 Shermer Rd. Northbrook IL 60065	SSW	0.20 / 1,031.62	4	58
			Facility No | Facility Status: 2045915 | Exempt ***Tank No | Status | Removed Date:*** 1 | Exempt from registration | 7/8/2015				
9	RCRA NON GEN	INK CO THE	1836 STANLEY ST NORTHBROOK IL 60062	SSE	0.22 / 1,186.96	3	59
9	RCRA NON GEN	LUCTA USA INC	1829 STANLEY ST NORTHBROOK IL 60062	SSE	0.22 / 1,186.96	3	61
10	CERCLIS	DEUBLIN COMPANY	1919 STANLEY STREET NORTHBROOK IL 60062	S	0.23 / 1,207.00	4	65
10	CERCLIS NFRAP	DEUBLIN COMPANY	1919 STANLEY STREET NORTHBROOK IL 60062	S	0.23 / 1,207.00	4	66
10	RCRA CORRACTS	DUBLIN CO	1919 STANLEY ST NORTHBROOK IL 60062	S	0.23 / 1,207.00	4	67
10	RCRA NON GEN	DUBLIN CO	1919 STANLEY ST NORTHBROOK IL 60062	S	0.23 / 1,207.00	4	73
10	SEMS ARCHIVE	DEUBLIN COMPANY	1919 STANLEY STREET NORTHBROOK IL 60062	S	0.23 / 1,207.00	4	79
11	LUST	Illinois Bell Telephone	2029 Walter Ave. Northbrook IL 60062	NNW	0.25 / 1,320.10	0	79

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Incident No | NFR NFA Date: 910062 | 3/14/1991 12:00:00 AM				
12	LUST	Northbrook Medical Ctr. Bldg.	1775 Walters St. Northbrook IL 60062	NNE	0.28 / 1,501.69	-10	79
			Incident No | NFR NFA Date: 903418 | 4/2/1991 12:00:00 AM				
13	LUST	Northbrook Venture LLC	1366 Shermer Rd. Northbrook IL 60062	N	0.29 / 1,530.91	1	80
			Incident No | NFR NFA Date: 992462 |				
14	ENG CONTROL	Anets, Inc.	180 North Anets Drive Northbrook IL 60062	SE	0.31 / 1,657.73	-3	80
14	INST CONTROL	Anets, Inc.	180 North Anets Drive Northbrook IL 60062	SE	0.31 / 1,657.73	-3	81
14	SRP	Anets, Inc.	180 North Anets Drive Northbrook IL 60062	SE	0.31 / 1,657.73	-3	82
15	ENG CONTROL	Northbrook Garage	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	82
15	INST CONTROL	Northbrook Garage	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	83
15	LUST	TEF Shermer LLC	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	84
			Incident No | NFR NFA Date: 20091442 | 10/28/2011 12:00:00 AM				
15	LUST	TEF Shermer LLC	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	84
			Incident No | NFR NFA Date: 20091443 |				
15	LUST	TEF Shermer LLC	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	84
			Incident No | NFR NFA Date: 20100163 | 8/23/2010 12:00:00 AM				
15	SRP	Northbrook Garage	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	85
15	LUST TRUST	Northbrook Garage, Inc.	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	85
15	LUST TRUST	Northbrook Garage, Inc.	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	1	86

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	LUST	Northbrook Park Dist.	1605 Illinois Rd. Northbrook IL 60062	E	0.33 / 1,767.74	-6	86
			Incident No **|** ***NFR NFA Date:*** 920312	6/15/1992 12:00:00 AM			
16	LUST	Northbrook Park District	1605 Illinois Northbrook IL 60062	E	0.33 / 1,767.74	-6	86
			Incident No **|** ***NFR NFA Date:*** 900735	9/15/2017 12:00:00 AM			
17	LUST	Marathon Oil Co.	1975 Shermer Rd. Northbrook IL 60062	SSW	0.36 / 1,902.62	5	87
			Incident No **|** ***NFR NFA Date:*** 903198	2/28/2000 12:00:00 AM			
18	LUST	Dehne Lawn & Garden Equipment	1930 Techny Rd. Northbrook IL 60062	S	0.40 / 2,096.75	5	87
			Incident No **|** ***NFR NFA Date:*** 902777	1/23/2008 12:00:00 AM			
19	LUST	Illinois Dept. of Transportation	1916 Techny Rd. Northbrook IL 60062	S	0.40 / 2,106.01	1	87
			Incident No **|** ***NFR NFA Date:*** 991228	10/20/2000 12:00:00 AM			
20	SRP	STS Consultants	1869 Techny Road Northbrook IL 60062	SSE	0.45 / 2,360.04	-1	88
21	LUST	Northbrook, Village of	1225 Cedar Ln. Northbrook IL 60062	NNW	0.48 / 2,544.63	1	88
			Incident No **|** ***NFR NFA Date:*** 892604	9/5/1995 12:00:00 AM			

Executive Summary: Summary by Data Source

Standard

Federal

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Oct 17, 2017 has found that there are 1 SEMS ARCHIVE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEUBLIN COMPANY	1919 STANLEY STREET NORTHBROOK IL 60062	S	0.23 / 1,207.00	10

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 1 CERCLIS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEUBLIN COMPANY	1919 STANLEY STREET NORTHBROOK IL 60062	S	0.23 / 1,207.00	10

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 1 CERCLIS NFRAP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEUBLIN COMPANY	1919 STANLEY STREET NORTHBROOK IL 60062	S	0.23 / 1,207.00	10

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Oct 17, 2017 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DUBLIN CO	1919 STANLEY ST NORTHBROOK IL 60062	S	0.23 / 1,207.00	10

RCRA CESQG - RCRA Conditionally Exempt Small Quantity Generators List

A search of the RCRA CESQG database, dated Oct 17, 2017 has found that there are 1 RCRA CESQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SERFILCO CO	1777 SHERMER NORTHBROOK IL 60062	SSW	0.11 / 577.54	7

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Oct 17, 2017 has found that there are 5 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LUCTA USA INC	1829 STANLEY ST NORTHBROOK IL 60062	SSE	0.22 / 1,186.96	9
INK CO THE	1836 STANLEY ST NORTHBROOK IL 60062	SSE	0.22 / 1,186.96	9
DUBLIN CO	1919 STANLEY ST NORTHBROOK IL 60062	S	0.23 / 1,207.00	10

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DAYTON INDUSTRIES PARTS CO OF AMERICA	1657 SHERMER RD NORTHBROOK IL 60062	W	0.01 / 37.04	1
FORMER GENERAL FIRE EXTINGUSH	1685 SHERMER RD NORTHBROOK IL 60062	SW	0.06 / 340.16	6

State

LUST - Leaking Underground Storage Tanks (LUST)

A search of the LUST database, dated Oct 25, 2017 has found that there are 20 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Northbrook Venture LLC	1366 Shermer Rd. Northbrook IL 60062	N	0.29 / 1,530.91	13
	Incident No | ***NFR NFA Date***: *992462* |			
TEF Shermer LLC	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15
	Incident No | ***NFR NFA Date***: *20100163* | *8/23/2010 12:00:00 AM*			
TEF Shermer LLC	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15
	Incident No | ***NFR NFA Date***: *20091443* |			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TEF Shermer LLC	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15
	Incident No **|** ***NFR NFA Date***: *20091442* | *10/28/2011 12:00:00 AM*			
Marathon Oil Co.	1975 Shermer Rd. Northbrook IL 60062	SSW	0.36 / 1,902.62	17
	Incident No **|** ***NFR NFA Date***: *903198* | *2/28/2000 12:00:00 AM*			
Dehne Lawn & Garden Equipment	1930 Techny Rd. Northbrook IL 60062	S	0.40 / 2,096.75	18
	Incident No **|** ***NFR NFA Date***: *902777* | *1/23/2008 12:00:00 AM*			
Illinois Dept. of Transportation	1916 Techny Rd. Northbrook IL 60062	S	0.40 / 2,106.01	19
	Incident No **|** ***NFR NFA Date***: *991228* | *10/20/2000 12:00:00 AM*			
Northbrook, Village of	1225 Cedar Ln. Northbrook IL 60062	NNW	0.48 / 2,544.63	21
	Incident No **|** ***NFR NFA Date***: *892604* | *9/5/1995 12:00:00 AM*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
W W Grainger Inc.	1657 North Shermer Rd. Northbrook IL 60062	W	0.01 / 37.04	1
	Incident No **|** ***NFR NFA Date***: *911603* | *2/27/2009 12:00:00 AM*			
Marathon Oil Co.	1544 North Shermer Rd. Northbrook IL 60062	NW	0.01 / 77.02	2
	Incident No **|** ***NFR NFA Date***: *902323* | *10/15/1990 12:00:00 AM*			
Scimeca, Michael	1530 Shermer Rd. Northbrook IL 60062	NW	0.05 / 247.84	5
	Incident No **|** ***NFR NFA Date***: *990863* | *7/31/2002 12:00:00 AM*			
RSD Shermar LLC	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	6
	Incident No **|** ***NFR NFA Date***: *20021776* |			
RSD Shermar LLC	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	6
	Incident No **|** ***NFR NFA Date***: *20021777* |			
General Fire Extinguisher	1685 Shermer Rd. Northbrook IL 60062	SW	0.06 / 340.16	6
	Incident No **|** ***NFR NFA Date***: *911503* | *11/2/1999 12:00:00 AM*			
General Fire Extinguisher Corp.	1685 Shermer Rd. Northbrook IL 60062	SW	0.06 / 340.16	6
	Incident No **|** ***NFR NFA Date***: *903355* | *3/23/1999 12:00:00 AM*			
General Fire Extinguishers	1685 Shermer Rd. Northbrook IL 60062	SW	0.06 / 340.16	6

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Incident No | ***NFR NFA Date***: *952112* | *11/2/1999 12:00:00 AM*			
Illinois Bell Telephone	2029 Walter Ave. Northbrook IL 60062	NNW	0.25 / 1,320.10	11
	Incident No | ***NFR NFA Date***: *910062* | *3/14/1991 12:00:00 AM*			
Northbrook Medical Ctr. Bldg.	1775 Walters St. Northbrook IL 60062	NNE	0.28 / 1,501.69	12
	Incident No | ***NFR NFA Date***: *903418* | *4/2/1991 12:00:00 AM*			
Northbrook Park Dist.	1605 Illinois Rd. Northbrook IL 60062	E	0.33 / 1,767.74	16
	Incident No | ***NFR NFA Date***: *920312* | *6/15/1992 12:00:00 AM*			
Northbrook Park District	1605 Illinois Northbrook IL 60062	E	0.33 / 1,767.74	16
	Incident No | ***NFR NFA Date***: *900735* | *9/15/2017 12:00:00 AM*			

LUST TRUST - Underground Storage Tank Fund Payment Priority List

A search of the LUST TRUST database, dated Nov 01, 2016 has found that there are 2 LUST TRUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Northbrook Garage, Inc.	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15
Northbrook Garage, Inc.	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15

UST - Underground Storage Tank Database (UST)

A search of the UST database, dated Nov 13, 2017 has found that there are 6 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Moody Bible Institute Dist Ctr	1777 Shermer Rd Northbrook IL 60062	SSW	0.11 / 577.54	7
	Facility No | ***Facility Status***: *2027589* | *Closed* ***Tank No*** | ***Status*** | ***Removed Date***: *1* | *Abandoned in place* |			
Maurice Sporting Goods	1825 Shermer Rd. Northbrook IL 60065	SSW	0.20 / 1,031.62	8
	Facility No | ***Facility Status***: *2045915* | *Exempt* ***Tank No*** | ***Status*** | ***Removed Date***: *1* | *Exempt from registration* | *7/8/2015*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Parts Co Of America	1657 Shermer Rd Northbrook IL 60062	W	0.01 / 37.04	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Facility No | ***Facility Status***: *2027089* | *Closed* ***Tank No*** | ***Status*** | ***Removed Date***: *1* | *Removed* | *6/1/1991, 2* | *Removed* | *6/1/1991, 3* | *Removed* | *6/1/1991*			
Marathon Unit #2377	1544 Shermer & Illinois St Northbrook IL 60062	NW	0.01 / 77.02	2
	Facility No | ***Facility Status***: *2013820* | *Closed* ***Tank No*** | ***Status*** | ***Removed Date***: *2* | *Removed* | *4/14/1988, 1* | *Removed* | *4/14/1988, 4* | *Removed* | *4/14/1988, 3* | *Removed* | *4/14/1988*			
Village Tire, Inc.	1530 Shermer Rd. Northbrook IL 60062	NW	0.05 / 247.84	5
	Facility No | ***Facility Status***: *2018367* | *Closed* ***Tank No*** | ***Status*** | ***Removed Date***: *3* | *Removed* | *11/18/1997, 2* | *Removed* | *11/18/1997, 1* | *Removed* | *11/18/1997, 4* | *Exempt from registration* |			
General Fire Extinguisher Corp	1685 Shermer Rd Northbrook IL 60062	SW	0.06 / 340.16	6
	Facility No | ***Facility Status***: *2015588* | *Closed* ***Tank No*** | ***Status*** | ***Removed Date***: *5* | *Removed* | *12/12/2002, 7* | *Exempt from registration* | , *1* | *Removed* | *1/1/1991, 4* | *Exempt from registration* | *1/30/1996, 6* | *Removed* | *12/12/2002, 2* | *Removed* | *11/13/1990, 3* | *Exempt from registration* | *1/1/1991*			

ENG CONTROL - Sites with Engineering Controls

A search of the ENG CONTROL database, dated Jan 16, 2018 has found that there are 5 ENG CONTROL site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Maurice Sporting Goods	1825 Shermer Road Northbrook IL 60065	SSW	0.20 / 1,031.62	8
Northbrook Garage	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
General Fire Extinguisher Corporation	1707 Shermer Road Northbrook IL 60062	SW	0.02 / 105.22	3
General Fire Extinguisher Corporation	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	6
Anets, Inc.	180 North Anets Drive Northbrook IL 60062	SE	0.31 / 1,657.73	14

INST CONTROL - Institutional Controls

A search of the INST CONTROL database, dated Jan 16, 2018 has found that there are 5 INST CONTROL site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Maurice Sporting Goods	1825 Shermer Road Northbrook IL 60065	SSW	0.20 / 1,031.62	8
Northbrook Garage	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
General Fire Extinguisher Corporation	1707 Shermer Road Northbrook IL 60062	SW	0.02 / 105.22	3
General Fire Extinguisher Corporation	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	6
Anets, Inc.	180 North Anets Drive Northbrook IL 60062	SE	0.31 / 1,657.73	14

SRP - Illinois Site Remediation Program Database

A search of the SRP database, dated Jan 16, 2018 has found that there are 6 SRP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Maurice Sporting Goods	1825 Shermer Road Northbrook IL 60065	SSW	0.20 / 1,031.62	8
Northbrook Garage	1347 Shermer Road Northbrook IL 60062	N	0.32 / 1,681.00	15

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
General Fire Extinguisher Corporation	1707 Shermer Road Northbrook IL 60062	SW	0.02 / 105.22	3
General Fire Extinguisher Corporation	1685 Shermer Road Northbrook IL 60062	SW	0.06 / 340.16	6
Anets, Inc.	180 North Anets Drive Northbrook IL 60062	SE	0.31 / 1,657.73	14

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
STS Consultants	1869 Techny Road Northbrook IL 60062	SSE	0.45 / 2,360.04	20

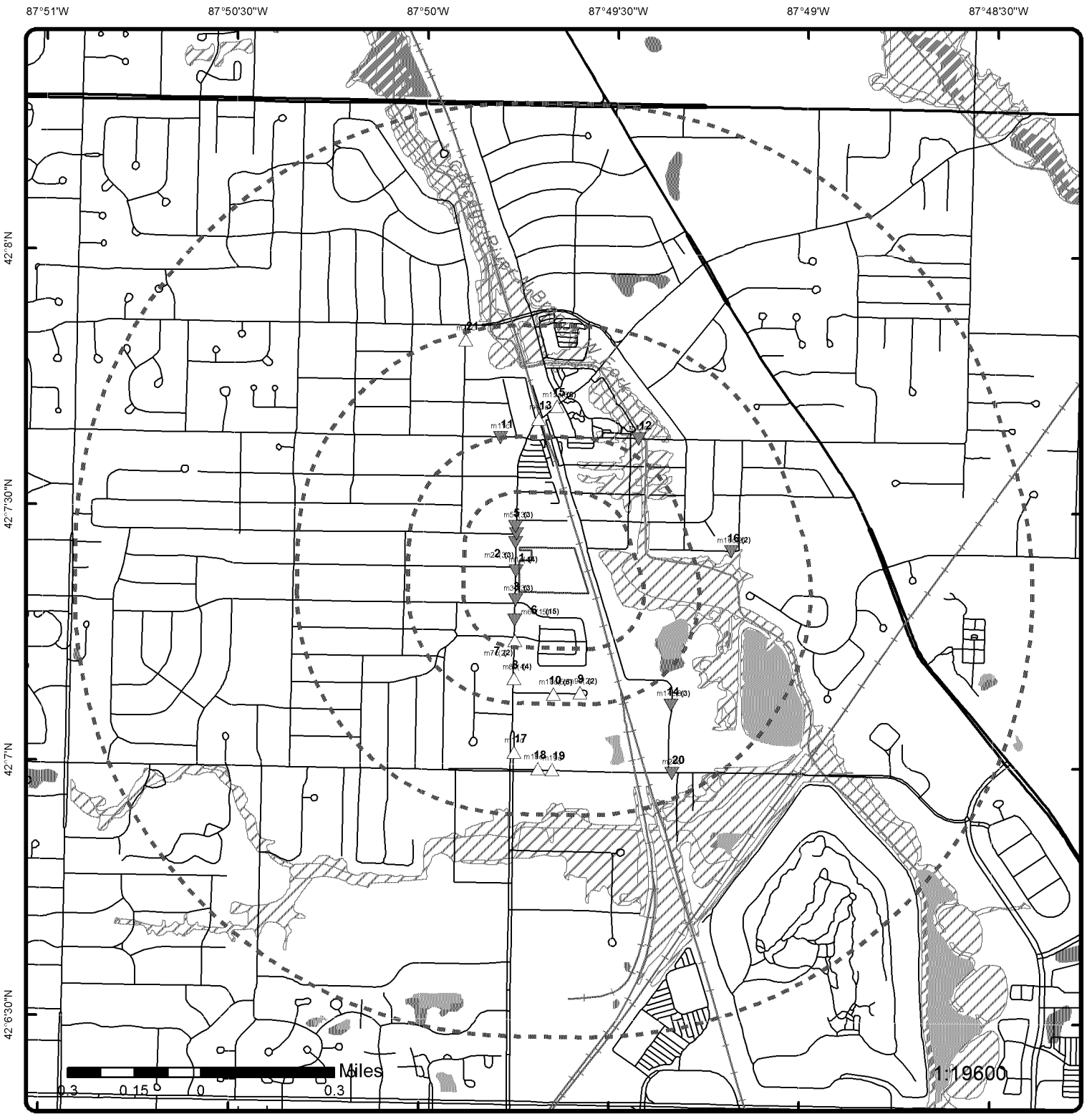
Non Standard

State

SPILLS - Spills and Incidences

A search of the SPILLS database, dated Oct 10, 2017 has found that there are 9 SPILLS site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
W.W. GRAINGER INC.	1657 N. SHERMER RD. NORTHBROOK IL ***Incident No**: 911603*	W	0.01 / 37.04	1
MARATHON PETROLEUM CO.	1544 N. SHERMER RD. NORTHBROOK IL ***Incident No**: 902323*	NW	0.01 / 77.02	2
UNK	SHERMER RD. & IL RD. NORTHBROOK IL ***Incident No**: 961129*	NW	0.03 / 166.21	4
MICHAEL SCIMECA	1530 SHERMER ROAD NORTHBROOK IL ***Incident No**: 990863*	NW	0.05 / 247.84	5
GENERAL FIRE EXTINGUISHERS INC	1685 SHERMER ROAD NORTHBROOK IL ***Incident No**: 952112*	SW	0.06 / 340.16	6
RSD SHERMAR, LLC	1685 SHERMAR ROAD NORTHBROOK IL ***Incident No**: H 2002 1776*	SW	0.06 / 340.16	6
RSD SHERMAR LLC	1685 SHERMAR ROAD NORTHBROOK IL ***Incident No**: H 2002 1777*	SW	0.06 / 340.16	6
GENERAL FIRE DISTINGUISHER INC	1685 SHERMER RD. NORTH BROOK IL ***Incident No**: 911503*	SW	0.06 / 340.16	6
GENERAL FIRE EXTINGUISHER CORP	1685 SHERMER ROAD NORTHBROOK IL ***Incident No**: 903355*	SW	0.06 / 340.16	6



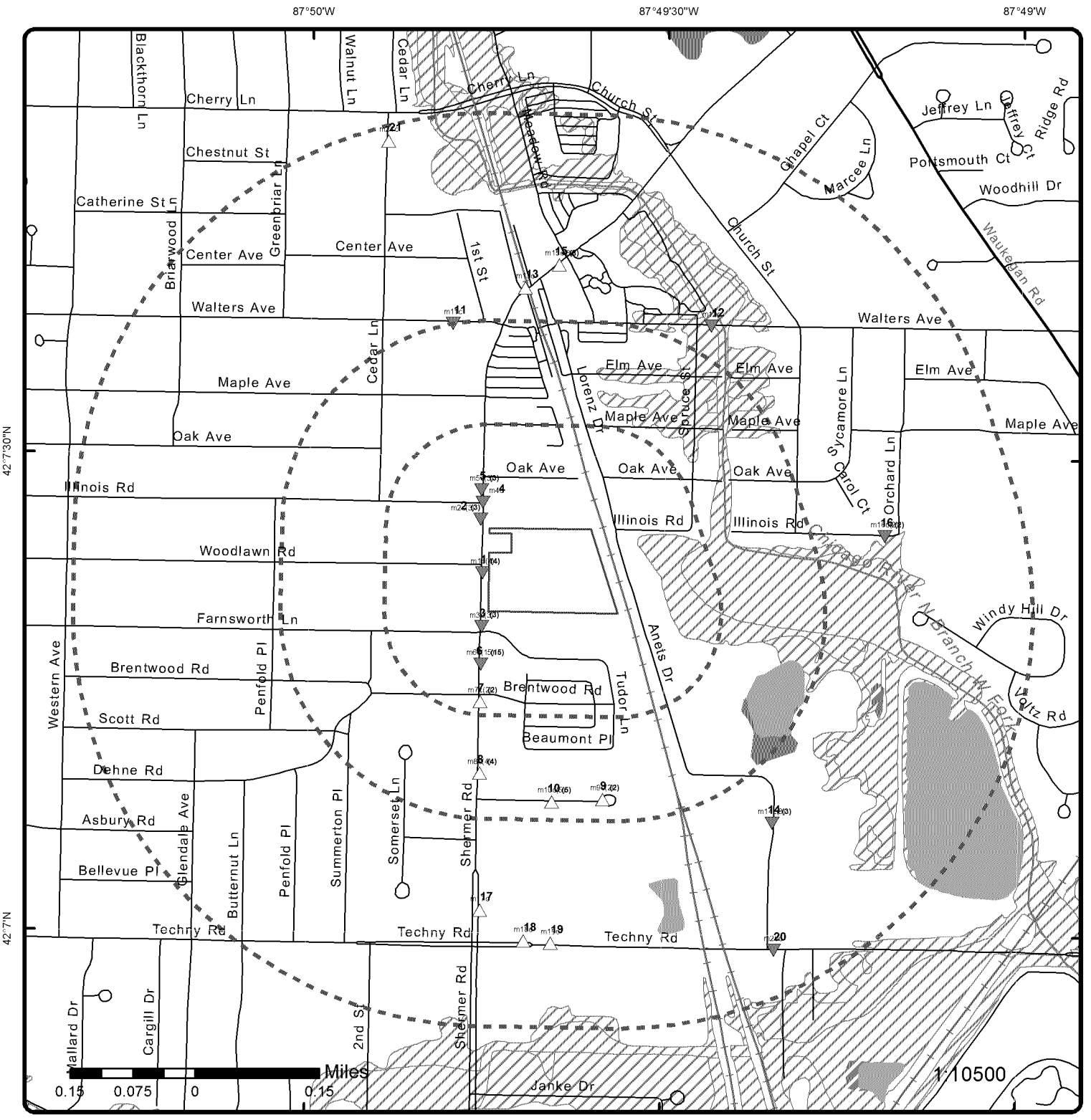
Map : 1 Mile Radius

Order No: 20180124151

Address: 1657 Shermer Road, Northbrook, IL, 60062

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



Map : 0.5 Mile Radius

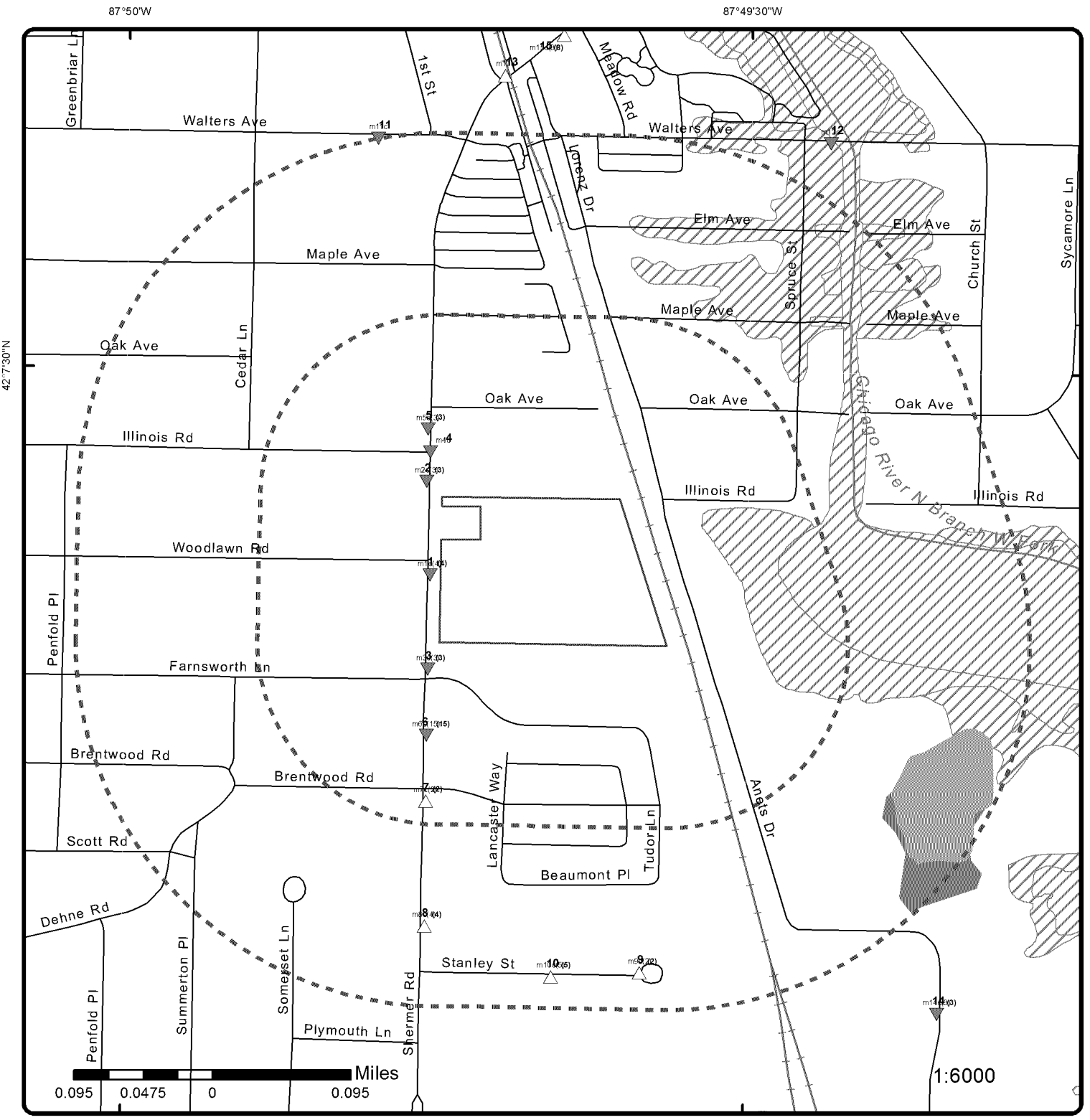
Order No: 20180124151

Address: 1657 Shermer Road, Northbrook, IL, 60062

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI



Map : 0.25 Mile Radius

Order No: 20180124151

Address: 1657 Shermer Road, Northbrook, IL, 60062

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

87°50'W

87°49'30"W

42°7'30"N

42°7'30"N

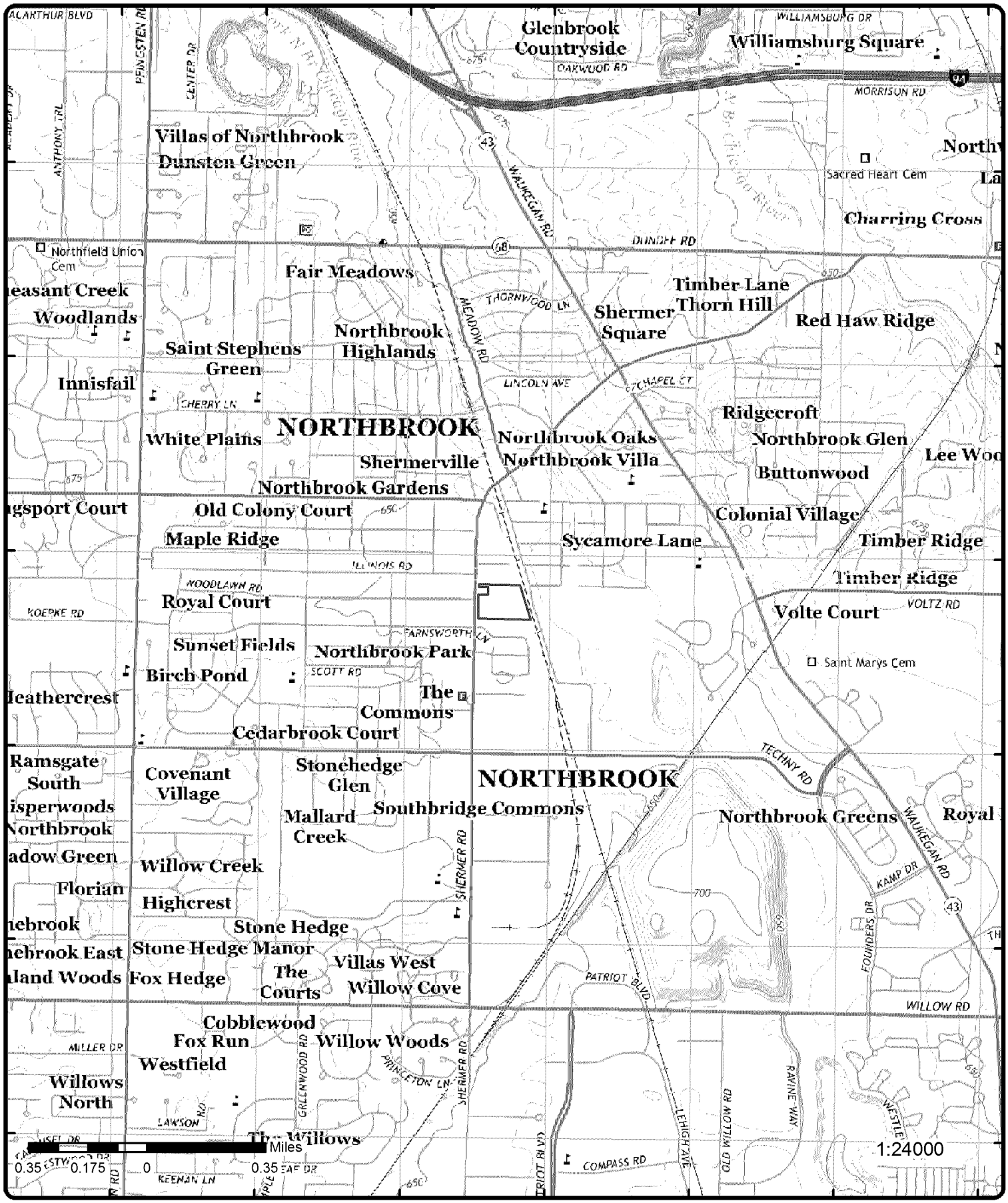
Aerial (2016)

Order No: 20180124151

Address: 1657 Shermer Road, Northbrook, IL, 60062

Source: ESRI World Imagery

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map (2015)

Order No: 20180124151

Address: 1657 Shermer Road, Northbrook, IL, 60062

Quadrangle(s): Park Ridge, IL; Highland Park, IL;

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 4	W	0.01 / 37.04	642.34 / -3	W W Grainger Inc. 1657 North Shermer Rd. Northbrook IL 60062	LUST

Incident No:	911603	**Sec 57:**	731
BL ID:	0312075141	**Non Lust:**	
Rpt Rec 20:		**Rpt Rec 45:**	
IEMA Date:	6/12/1991 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	False	**NFR NFA Date:**	2/27/2009 12:00:00 AM
Unleaded:	False	**NFR Recorded:**	
Diesel:	False	**Pre 74 Date:**	
Fuel Oil:	True	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	False	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	(217) 558-4071
Other Petroleum:	False	**County:**	Cook
Project Manager:	Boring	**First Name:**	Suzanne
Site Class:		**Email:**	Suzanne.Boring@illinois.gov
Primary Resp Party Name:	W W Grainger Inc.		
Primary Resp Party Address:	5500 West Howard St.		
Primary Resp Party City:	Skokie		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60077		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Ed Kestin		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 4	W	0.01 / 37.04	642.34 / -3	DAYTON INDUSTRIES PARTS CO OF AMERICA 1657 SHERMER RD NORTHBROOK IL 60062	RCRA NON GEN

EPA Handler ID:	ILD076879360
Land Type Code:	
Land Type Desc:	
Federal Waste Generator Code:	N
Gen Status Univ Code:	N
Gen Status Univ Desc:	No Report
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	

Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Activity Location: IL
County Code: IL031
County Name: COOK
Contact Name:
Contact Phone No and Ext:
Contact Email:
Contact Address: US
Mailing Address: 1657 SHERMER RD , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind: CO
Name: GRAINGER W W INC
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Source Type: N
Country:
Zip Code: 99998
Phone: 312-555-1212
Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Ind: CP
Name: NAME NOT REPORTED
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Source Type: I
Country:
Zip Code: 99998
Phone: 312-555-1212
Type: P
Date Became Current:
Date Ended Current:

Hazardous Waste Details

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: F018
Source Type: N
Code Type: F
Waste Code Description: DESCRIPTION
Waste Code Active Status: No
BR Waste Code Active Status: No

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: U210
Source Type: N
Code Type: U
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: D001
Source Type: N
Code Type: D
Waste Code Description: IGNITABLE WASTE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: U220
Source Type: N
Code Type: U
Waste Code Description: BENZENE, METHYL- (OR) TOLUENE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	D000
Source Type:	N
Code Type:	D
Waste Code Description:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	D003
Source Type:	N
Code Type:	D
Waste Code Description:	REACTIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	F003
Source Type:	N
Code Type:	F
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	F017
Source Type:	N
Code Type:	F
Waste Code Description:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	U226
Source Type:	N
Code Type:	U
Waste Code Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	F002
Source Type:	N
Code Type:	F
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	U186
Source Type:	N
Code Type:	U
Waste Code Description:	1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19800818	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:		***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DAYTON INDUSTRIES PARTS CO OF AMERICA
Fed Waste Gen Cd:	1	***Location Street No:***	
Fed Waste Gen Desc:	Large Quantity Generator	***Location Street 1:***	1657 SHERMER RD
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1657 SHERMER RD
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	ROBERT
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	KOKOS
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	1657 SHERMER RD
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	NORTHBROOK
LQHUW:	No	***Contact State:***	IL
Trader Importer:		***Contact Zip:***	60062
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	312-498-5900
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	I	***Used Oil Transporter:***	No
Receive Date:	19970923	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:		***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DAYTON INDUSTRIES PARTS CO OF AMERICA
Fed Waste Gen Cd:	N	***Location Street No:***	
Fed Waste Gen Desc:		***Location Street 1:***	1657 SHERMER RD
ST Waste Gen Own:	IL	***Location Street 2:***	
State Waste Gen Cd:	S	***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1657 SHERMER RD
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Furnace Exemption:	No	**Mailing State:**	IL
Underground Inject:	No	**Mailing Zip Code:**	60062
Off Site Receipt:	No	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	
Include Ntnl Rprt:		**Contact Street 2:**	
Reporting Cycle:		**Contact City:**	
LQHUW:	No	**Contact State:**	
Trader Importer:		**Contact Zip:**	
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	Yes	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

Violation/Evaluation Details

Evaluation ID:	GM1	**Former Citation:**	
Eval Start Date:	19970414	**Sched Compl Dt:**	
Evaluation Agency:	S	**Enforcement ID:**	
Evaluation Type:	CAV	**Enforcement Agency:**	
Eval Resp Person:	ILTK	**Enforce Action Dt:**	
Eval Suborg:	F2	**Enforcement Type:**	
Found Violation:	N	**Enforce Type Desc:**	
Citizen Complaint:	No	**Enforce Resp Person:**	
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	
Not Subtitle C:	No	**Docket No:**	
Focus Area:		**Attorney:**	
Focus Area Desc:		**Corr Act Component:**	
Handler Actvty Loc:	IL	**Appeal Init Dt:**	
Handler Name:	DAYTON INDUSTRIES PARTS CO OF AMERICA	**Appeal Resolved Dt:**	
Region:	05	**Disposition Status:**	
State:	IL	**Disp Status Dt:**	
Land Type:		**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:		**SEP Defaulted Dt:**	
Viol Determined:		**SEP Type:**	
Violation Type:		**Prop Penalty Amt:**	
Viol Determined Dt:		**Final Monetary Amt:**	
Rtrn to Compl Dt:		**Paid Amount:**	
Rtrn to Compl Qual:		**Final Count:**	
Viol Resp Agency:		**Final Amount:**	
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT		
Violation Short Description:			
Respondent Name:			
SEP Type Description:			

1	*3 of 4*	*W*	*0.01 / 37.04*	*642.34 / -3*	***W.W. GRAINGER INC.*** ***1657 N. SHERMER RD.*** ***NORTHBROOK IL***	***SPILLS***

Incident No:	911603	**City:**	NORTHBROOK
Incident Rprt Date:	6/12/1991 3:20:00 PM	**State:**	ILLINOIS
Incident County:	COOK	**County:**	COOK
Entered by:		**Section:**	
Data Input Status:	CLOSED	**Township:**	
Leaking UST:		**Range:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Caller:	ED KESTIN	**Facility Manager:**	
Caller Represents:	W.W. GRAINGER INC.	**Fac Manager Phone:**	
Hazmat Incid Type:	LEAK	**Contacted ESDA?:**	
Dt/Tm Occurred:		**ESDA on Scene?:**	
Temp:		**Spec ESDA Contact:**	
Wind:		**Contact Fire Dept?:**	
Dt/Tm Incid Occur:		**Fire Dept on Scene:**	
Check if Unknown:		**Fire Dept Name:**	
Dt/Tm Discovered:	06/12/91 1430	**Contacted Police?:**	
Check if Unknown:		**Police on Scene?:**	
Where Taken:		**Police Dept Name:**	
On Scene Contact:		**Sheriff Dept:**	
No of People Evac:		**Sheriff on Scene:**	
Area Involved:	FIXED FACILITY	**Sheriff Dept Name:**	
Latitude:		**Other Contact?:**	
Longitude:		**Other on Scene?:**	
Media or Medium:		**Other Agency Name:**	
Milepost:		**Date Entered:**	
Responsible Party Street:			
Proper Safety Precautions:			
State Agencies Assist Needed:			
Containment Cleanup Actions:			
Narrative:			

Spill Material Information

Material Name:	FUEL OIL #2
Material Type:	UNKNOWN
CHRIS Code:	
CAS No:	
UN NA No:	
302(a) Hazardous Substance?:	
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	
Container Type:	UNDERGROUND TANK
Container Size:	UNDERGROUND TANK
Amount Released:	
Rate of Release/Min:	
Duration of Release:	
Cause of Release:	HOLE IN TANK
Estimated Spill Extent:	
Spill Extent Units:	

Agency Spill Details

Agency Notified Name:	
Date/Time Agency Notified:	
Follow Up:	

1	**4 of 4**	**W**	**0.01 / 37.04**	**642.34 / -3**	**Parts Co Of America 1657 Shermer Rd Northbrook IL 60062**	**UST**

Facility No:	2027089	**Green Tag Decal:**	
Facility Status:	Closed	**Green Tag Issue Date:**	
Facility Type:	None	**Green Tag Exp Dt:**	
Motor Fuel Type:		**Mtr Fuel Perm Insp Dt:**	
Owner Type:		**Mtr Fuel Perm Exp Dt:**	
Owner Name:	W.W. Grainger, Inc.	**Purchase Date:**	
Owner Status:	Current Owner	**County:**	Cook
Owner Address:	100 Grainger ParkwayLake Forest, IL 60045		
Type Financial Resp:	Commercial Insurance and Self-Insurance		
Fin Resp Rpt Due:			
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2027089		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Information

Tank No:	1	***Product:***	Heating Oil
Capacity:	20000	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	1/31/1991
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	4/1/1989	***Red Tag Issue Date:***	
Removed Date:	6/1/1991	***Product Date:***	
Current Age:	49	***Fee Due:***	
Petroleum Use:	Consumptive Use on Premises		

Tank Information

Tank No:	2	***Product:***	Heating Oil
Capacity:	2500	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	8/19/1991
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	4/1/1989	***Red Tag Issue Date:***	
Removed Date:	6/1/1991	***Product Date:***	
Current Age:	49	***Fee Due:***	
Petroleum Use:	Consumptive Use on Premises		

Tank Information

Tank No:	3	***Product:***	Heating Oil
Capacity:	2500	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	8/19/1991
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	4/1/1989	***Red Tag Issue Date:***	
Removed Date:	6/1/1991	***Product Date:***	
Current Age:	49	***Fee Due:***	
Petroleum Use:	Back-up Generator		

Owner Summary

Owner No:	U0015866	***Owner Status:***	Current Owner
Owner Name:	W.W. Grainger, Inc.	***Purchase Date:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 3	NW	0.01 / 77.02	640.84 / -4	Marathon Oil Co. 1544 North Shermer Rd. Northbrook IL 60062	LUST

Incident No:	902323	***Sec 57:***	731
BL ID:	0312075110	***Non Lust:***	
Rpt Rec 20:	2/29/1992 12:00:00 AM	***Rpt Rec 45:***	2/29/1992 12:00:00 AM
IEMA Date:	8/14/1990 12:00:00 AM	***Sec 57 5g:***	
Gasoline:	False	***NFR NFA Date:***	10/15/1990 12:00:00 AM
Unleaded:	True	***NFR Recorded:***	
Diesel:	False	***Pre 74 Date:***	
Fuel Oil:	False	***FPD Date:***	
Jet Fuel:	False	***NFR Recission:***	
Used Oil:	True	***NFR Voided:***	
Non Petroleum Prod:	False	***Phone:***	
Other Petroleum:	False	***County:***	Cook
Project Manager:	NOT ASSIGNED	***First Name:***	
Site Class:		***Email:***	
Primary Resp Party Name:	Marathon Oil Co.		
Primary Resp Party Address:	539 South Main St.		
Primary Resp Party City:	Findlay		
Primary Resp Party State:	OH		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Resp Party Zip: 45840
Primary Resp Party Phone:
Primary Resp Party Contact: Pat Mihelick

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2 | ***2 of 3*** | ***NW*** | ***0.01 / 77.02*** | ***640.84 / -4*** | ***MARATHON PETROLEUM CO.***
1544 N. SHERMER RD.
NORTHBROOK IL | ***SPILLS***

Incident No: 902323
Incident Rprt Date: 8/14/1990 2:53:00 PM
Incident County: COOK
Entered by:
Data Input Status: CLOSED
Leaking UST:
Caller: PAT MIHELICK
Caller Represents: MARATHON PETROLIUM CO.
Hazmat Incid Type: LEAK
Dt/Tm Occurred:
Temp:
Wind:
Dt/Tm Incid Occur:
Check if Unknown:
Dt/Tm Discovered: 4/14/1988
Check if Unknown:
Where Taken: -0-
On Scene Contact:
No of People Evac: -0-
Area Involved: FIXED FACILITY
Latitude:
Longitude:
Media or Medium:
Milepost:
Responsible Party Street:
Proper Safety Precautions: NO
State Agencies Assist Needed:
Containment Cleanup Actions:
Narrative:

City: NORTHBROOK
State: ILLINOIS
County: COOK
Section:
Township:
Range:
Facility Manager:
Fac Manager Phone:
Contacted ESDA?:
ESDA on Scene?:
Spec ESDA Contact:
Contact Fire Dept?:
Fire Dept on Scene:
Fire Dept Name:
Contacted Police?:
Police on Scene?:
Police Dept Name:
Sheriff Dept:
Sheriff on Scene:
Sheriff Dept Name:
Other Contact?:
Other on Scene?:
Other Agency Name:
Date Entered:

Spill Material Information

Material Name: UNLEADED GASOLINE & WASTE OIL
Material Type: UNKNOWN
CHRIS Code:
CAS No:
UN NA No:
302(a) Hazardous Substance?:
RCRA Hazardous Waste?:
RCRA Regulated Facililty?:
Container Type: UNDERGROUND TANK
Container Size: UNDERGROUND TANK
Amount Released: UNK
Rate of Release/Min:
Duration of Release:
Cause of Release: OVERFILL
Estimated Spill Extent:
Spill Extent Units:

Agency Spill Details

Agency Notified Name:
Date/Time Agency Notified:
Follow Up:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	3 of 3	NW	0.01 / 77.02	640.84 / -4	Marathon Unit #2377 1544 Shermer & Illinois St Northbrook IL 60062	UST

Facility No:	2013820	**Green Tag Decal:**	
Facility Status:	Closed	**Green Tag Issue Date:**	
Facility Type:	Other	**Green Tag Exp Dt:**	
Motor Fuel Type:		**Mtr Fuel Perm Insp Dt:**	
Owner Type:		**Mtr Fuel Perm Exp Dt:**	
Owner Name:	Marathon Petroleum Company LP	**Purchase Date:**	
Owner Status:	Current Owner	**County:**	Cook
Owner Address:	539 South Main StreetAttn: TT&M - HES&SFindlay, OH 45840		
Type Financial Resp:	Self-Insurance		
Fin Resp Rpt Due:			
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2013820		

Tank Information

Tank No:	2	**Product:**	Gasoline
Capacity:	6000	**CERCLA Substance:**	
Status:	Removed	**CAS Code:**	
Install Date:	1/1/1969	**OSFM First Notify Dt:**	4/30/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	4/14/1988	**Red Tag Issue Date:**	
Removed Date:	4/14/1988	**Product Date:**	1/1/1969
Current Age:	19	**Fee Due:**	
Petroleum Use:			

Tank Information

Tank No:	1	**Product:**	Gasoline
Capacity:	6000	**CERCLA Substance:**	
Status:	Removed	**CAS Code:**	
Install Date:	1/1/1969	**OSFM First Notify Dt:**	4/30/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	4/14/1988	**Red Tag Issue Date:**	
Removed Date:	4/14/1988	**Product Date:**	1/1/1969
Current Age:	19	**Fee Due:**	
Petroleum Use:			

Tank Information

Tank No:	4	**Product:**	Used Oil
Capacity:	550	**CERCLA Substance:**	
Status:	Removed	**CAS Code:**	
Install Date:	1/1/1969	**OSFM First Notify Dt:**	4/30/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	4/14/1988	**Red Tag Issue Date:**	
Removed Date:	4/14/1988	**Product Date:**	1/1/1969
Current Age:	19	**Fee Due:**	
Petroleum Use:			

Tank Information

Tank No:	3	**Product:**	Gasoline
Capacity:	8000	**CERCLA Substance:**	
Status:	Removed	**CAS Code:**	
Install Date:	1/1/1969	**OSFM First Notify Dt:**	4/30/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	4/14/1988	**Red Tag Issue Date:**	
Removed Date:	4/14/1988	**Product Date:**	1/1/1969
Current Age:	19	**Fee Due:**	
Petroleum Use:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner Summary

Owner No:	U0009659	***Owner Status:***	Current Owner
Owner Name:	Marathon Petroleum Company LP	***Purchase Date:***	

3	*1 of 3*	*SW*	*0.02 / 105.22*	*644.12 / -1*	***General Fire Extinguisher Corporation 1707 Shermer Road Northbrook IL 60062***	***ENG CONTROL***

IEPA ID:	0312075285	***Longitude:***	-87.828226
US EPA ID:		***Latitude:***	42.121938
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	***Contact:***	Charity Simpson, P.E.
Applicant Title:	Mr.	***Consultant Address:***	700 North Sacramento Boulevard
Applicant First Name:	Brian	***Consultant Address 2:***	Suite 101
Applicant Last Name:	Hoffman	***Consultant City:***	Chicago, IL
Applicant Address:	425 Huehl Road	***Consultant Zip Code:***	60612
Applicant Address 2:	Building 18	***Project Manager:***	Russell Irwin
Applicant City:	Northbrook, IL	***Received Sa Date:***	4/9/2003
Applicant Zip Code:	60062	***4Y Letter Date:***	
Applicant Company:	RSD Shermer, LLC		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letters Information

Applicant First Name:	Brian	***Slab On Grade:***	No
Applicant Last Name:	Hoffman	***BCT:***	No
Applicant Address:	425 Huehl Road	***IC Inst Control Other:***	No
Applicant Address2:	Building 18	***Building Slab:***	No
Applicant City:	Northbrook, IL	***Asphalt Used:***	No
Applicant Zip Code:	60062	***Concrete Used:***	No
Acres:	1.51	***Clean Soil 3ft:***	No
Grnd Wtr Restriction:	Yes	***Clean Soil 10:***	No
HWY Auth Agrmnt:	No	***Alternate Barrier:***	Yes
Ordinance:	No	***Other Barrier:***	No
Industrial Cmmrcial:	No	***ELUC Grndwtr Rstrct:***	No
Worker Caution:	Yes	***ELUC Other:***	No
Applicant Company:	RSD Shermer, LLC		
NFR Site Name:	General Fire Extinguisher Corporation		
NFR Letter Date:	5/6/2003		
Effective:	TRUE		
NFR Recorded Date:	5/8/2003		
Land Use:	Residential or Industrial/Commercial		
Comprehensive Focused:	Comprehensive		

3	*2 of 3*	*SW*	*0.02 / 105.22*	*644.12 / -1*	***General Fire Extinguisher Corporation 1707 Shermer Road Northbrook IL 60062***	***INST CONTROL***

IEPA ID:	0312075285	***Longitude:***	-87.828226
US EPA ID:		***Latitude:***	42.121938
County:	Cook		

Site Applicant / Consultant Information

Applicant Title:	Mr.	***Received Sa Date:***	4/9/2003
Applicant First Name:	Brian	***Project Manager:***	Russell Irwin
Applicant Last Name:	Hoffman	***4Y Letter Date:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Applicant Company:	RSD Shermer, LLC	**Active Site:**	No
Applicant Address:	425 Huehl Road	**Consultant Address:**	700 North Sacramento Boulevard
Applicant Address 2:	Building 18	**Consultant Address 2:**	Suite 101
Applicant City:	Northbrook, IL	**Consultant City:**	Chicago, IL
Applicant Zip Code:	60062	**Consultant Zip Code:**	60612
Contact:	Charity Simpson, P.E.		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letters Information

NFR Site Name:	General Fire Extinguisher Corporation	**Industrial Cmmrcial:**	No
NFR Letter Date:	5/6/2003	**Worker Caution:**	Yes
Effective:	TRUE	**Slab on Grade:**	No
NFR Recorded Date:	5/8/2003	**BCT:**	No
Cmprehnsve Focsd:	Comprehensive	**IC Inst Control Other:**	No
Applicant First Name:	Brian	**Building Slab:**	No
Applicant Last Name:	Hoffman	**Asphalt Used:**	No
Applicant Company:	RSD Shermer, LLC	**Concrete Used:**	No
Applicant Address:	425 Huehl Road	**Clean Soil 3ft:**	No
Applicant Address2:	Building 18	**Clean Soil 10:**	No
Applicant City:	Northbrook, IL	**Alternate Barrier:**	Yes
Applicant Zip Code:	60062	**Other Barrier:**	No
Acres:	1.51	**ELUC Other:**	No
Ordinance:	No		
ELUC Grndwater Use Restrict:	No		
Ground Water Use Restriction:	Yes		
Highway Authority Agreement:	No		
Land Use:	Residential or Industrial/Commercial		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of 3	SW	0.02 / 105.22	644.12 / -1	General Fire Extinguisher Corporation 1707 Shermer Road Northbrook IL 60062	SRP

IEPA ID:	0312075285	**Longitude:**	-87.828226
USEPA ID:		**Latitude:**	42.121938
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	**Contact:**	Charity Simpson, P.E.
Applicant Title:	Mr.	**Consultant Address:**	700 North Sacramento Boulevard
Applicant First Name:	Brian	**Consultant Address 2:**	Suite 101
Applicant Last Name:	Hoffman	**Consultant City:**	Chicago, IL
Applicant Address:	425 Huehl Road	**Consultant Zip Code:**	60612
Applicant Address 2:	Building 18	**Project Manager:**	Russell Irwin
Applicant City:	Northbrook, IL	**Received Sa Date:**	4/9/2003
Applicant Zip Code:	60062	**4Y Letter Date:**	
Applicant Company:	RSD Shermer, LLC		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letter Information

Applicant First Name:	Brian	**Slab On Grade:**	No
Applicant Last Name:	Hoffman	**BCT:**	No
Applicant Address:	425 Huehl Road	**IC Inst Control Other:**	No
Applicant Address2:	Building 18	**Building Slab:**	No
Applicant City:	Northbrook, IL	**Asphalt Used:**	No
Applicant Zip Code:	60062	**Concrete Used:**	No
Acres:	1.51	**Clean Soil 3ft:**	No
Grnd Wtr Restriction:	Yes	**Clean Soil 10:**	No
HWY Auth Agrmnt:	No	**Alternate Barrier:**	Yes
Ordinance:	No	**Other Barrier:**	No
Industrial Cmmrcial:	No	**ELUC Grndwtr Rstrct:**	No
Worker Caution:	Yes	**ELUC Other:**	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Applicant Company:	RSD Shermer, LLC
NFR Site Name:	General Fire Extinguisher Corporation
NFR Letter Date:	5/6/2003
Effective:	TRUE
NFR Recorded Date:	5/8/2003
Land Use:	Residential or Industrial/Commercial
Comprehensive Focused:	Comprehensive

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	NW	0.03 / 166.21	640.85 / -4	UNK SHERMER RD. & IL RD. NORTHBROOK IL	SPILLS

Incident No:	961129	**City:**	NORTHBROOK
Incident Rprt Date:	6/24/1996 2:23:00 PM	**State:**	ILLINOIS
Incident County:	COOK	**County:**	COOK
Entered by:		**Section:**	
Data Input Status:	CLOSED	**Township:**	
Leaking UST:		**Range:**	
Caller:	SHARRON SMOLICH	**Facility Manager:**	
Caller Represents:	METRO ENVI. CONTRACTORS	**Fac Manager Phone:**	
Hazmat Incid Type:	LEAK	**Contacted ESDA?:**	
Dt/Tm Occurred:	UNK	**ESDA on Scene?:**	
Temp:		**Spec ESDA Contact:**	
Wind:		**Contact Fire Dept?:**	
Dt/Tm Incid Occur:	UNK	**Fire Dept on Scene:**	
Check if Unknown:		**Fire Dept Name:**	
Dt/Tm Discovered:	UNK	**Contacted Police?:**	
Check if Unknown:		**Police on Scene?:**	
Where Taken:	NONE	**Police Dept Name:**	
On Scene Contact:		**Sheriff Dept:**	
No of People Evac:	NONE	**Sheriff on Scene:**	
Area Involved:	FIXED FACILITY	**Sheriff Dept Name:**	
Latitude:		**Other Contact?:**	
Longitude:		**Other on Scene?:**	
Media or Medium:		**Other Agency Name:**	
Milepost:		**Date Entered:**	UNK
Responsible Party Street:	UNK UNK		
Proper Safety Precautions:	NONE		
State Agencies Assist Needed:			
Containment Cleanup Actions:			
Narrative:			

Spill Material Information

Material Name:	UNK TYPE OF PETROLEUM PRODUCT
Material Type:	UNKNOWN
CHRIS Code:	
CAS No:	
UN NA No:	
302(a) Hazardous Substance?:	
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	
Container Type:	UNK
Container Size:	UNK
Amount Released:	UNK
Rate of Release/Min:	
Duration of Release:	
Cause of Release:	UNK
Estimated Spill Extent:	
Spill Extent Units:	

Spill Material Information

Material Name:	UNK TYPE OF PETROLEUM PRODUCT
Material Type:	UNKNOWN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CHRIS Code:
CAS No:
UN NA No:
302(a) Hazardous Substance?:
RCRA Hazardous Waste?:
RCRA Regulated Facililty?:
Container Type: UNK
Container Size: UNK
Amount Released: UNK
Rate of Release/Min:
Duration of Release:
Cause of Release: UNK
Estimated Spill Extent:
Spill Extent Units:

Agency Spill Details

Agency Notified Name:
Date/Time Agency Notified:
Follow Up:

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5 | ***1 of 3*** | ***NW*** | ***0.05 / 247.84*** | ***640.90 / -4*** | ***Scimeca, Michael***
1530 Shermer Rd.
Northbrook IL 60062 | ***LUST***

Incident No:	990863	***Sec 57:***	732
BL ID:	0312075257	***Non Lust:***	
Rpt Rec 20:	6/4/1999 12:00:00 AM	***Rpt Rec 45:***	6/4/1999 12:00:00 AM
IEMA Date:	4/9/1999 12:00:00 AM	***Sec 57 5g:***	
Gasoline:	True	***NFR NFA Date:***	7/31/2002 12:00:00 AM
Unleaded:	False	***NFR Recorded:***	8/19/2002 12:00:00 AM
Diesel:	False	***Pre 74 Date:***	
Fuel Oil:	False	***FPD Date:***	
Jet Fuel:	False	***NFR Recission:***	
Used Oil:	False	***NFR Voided:***	
Non Petroleum Prod:	False	***Phone:***	
Other Petroleum:	False	***County:***	Cook
Project Manager:	Ingold	***First Name:***	Dawn
Site Class:		***Email:***	
Primary Resp Party Name:	Michael Scimeca		
Primary Resp Party Address:	2117 South Country Club Rd.		
Primary Resp Party City:	Woodstock		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60098		
Primary Resp Party Phone:	8153381083		
Primary Resp Party Contact:			

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5 | ***2 of 3*** | ***NW*** | ***0.05 / 247.84*** | ***640.90 / -4*** | ***MICHAEL SCIMECA***
1530 SHERMER ROAD
NORTHBROOK IL | ***SPILLS***

Incident No:	990863	***City:***	NORTHBROOK
Incident Rprt Date:	4/9/1999 12:24:00 PM	***State:***	ILLINOIS
Incident County:	COOK	***County:***	COOK
Entered by:		***Section:***	
Data Input Status:	CLOSED	***Township:***	
Leaking UST:		***Range:***	
Caller:	MICHAEL SCIMECA	***Facility Manager:***	
Caller Represents:	SELF	***Fac Manager Phone:***	
Hazmat Incid Type:	LEAK	***Contacted ESDA?:***	
Dt/Tm Occurred:		***ESDA on Scene?:***	
Temp:		***Spec ESDA Contact:***	
Wind:		***Contact Fire Dept?:***	
Dt/Tm Incid Occur:		***Fire Dept on Scene:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Check if Unknown:		***Fire Dept Name:***	
Dt/Tm Discovered:	04/09/99 1130	***Contacted Police?:***	
Check if Unknown:		***Police on Scene?:***	
Where Taken:	NONE	***Police Dept Name:***	
On Scene Contact:		***Sheriff Dept:***	
No of People Evac:	NONE	***Sheriff on Scene:***	
Area Involved:	FIXED FACILITY	***Sheriff Dept Name:***	
Latitude:		***Other Contact?:***	
Longitude:		***Other on Scene?:***	
Media or Medium:		***Other Agency Name:***	
Milepost:		***Date Entered:***	
Responsible Party Street:	2117 S COUNTRY CLUB ROAD, WOODSTOCK, IL 60098		
Proper Safety Precautions:	NONE		
State Agencies Assist Needed:			
Containment Cleanup Actions:			
Narrative:			

Spill Material Information

Material Name:	UNKNOWN/GASOLINE
Material Type:	UNKNOWN
CHRIS Code:	
CAS No:	
UN NA No:	
302(a) Hazardous Substance?:	
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	
Container Type:	UNDERGROUND TANKS
Container Size:	UNDERGROUND TANKS
Amount Released:	UNKNOWN
Rate of Release/Min:	
Duration of Release:	
Cause of Release:	UNKNOWN
Estimated Spill Extent:	
Spill Extent Units:	

Agency Spill Details

Agency Notified Name:	
Date/Time Agency Notified:	
Follow Up:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	3 of 3	NW	0.05 / 247.84	640.90 / -4	Village Tire, Inc. 1530 Shermer Rd. Northbrook IL 60062	UST

Facility No:	2018367	***Green Tag Decal:***	
Facility Status:	Closed	***Green Tag Issue Date:***	
Facility Type:	Other	***Green Tag Exp Dt:***	
Motor Fuel Type:		***Mtr Fuel Perm Insp Dt:***	
Owner Type:		***Mtr Fuel Perm Exp Dt:***	
Owner Name:	Village Tire, Inc.	***Purchase Date:***	10/1/1991
Owner Status:	Current Owner / Operator	***County:***	Cook
Owner Address:	1530 Shermer Rd.Northbrook, IL 60062		
Type Financial Resp:			
Fin Resp Rpt Due:			
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2018367		

Tank Information

Tank No:	3	***Product:***	Diesel Fuel
Capacity:	6000	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	

Install Date:	6/15/1984	**OSFM First Notify Dt:**	1/17/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	11/1/1997	**Red Tag Issue Date:**	
Removed Date:	11/18/1997	**Product Date:**	6/20/1984
Current Age:	13	**Fee Due:**	
Petroleum Use:			

Tank Information

Tank No:	2	**Product:**	Gasoline
Capacity:	6000	**CERCLA Substance:**	
Status:	Removed	**CAS Code:**	
Install Date:		**OSFM First Notify Dt:**	1/17/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	11/1/1997	**Red Tag Issue Date:**	
Removed Date:	11/18/1997	**Product Date:**	
Current Age:	18	**Fee Due:**	
Petroleum Use:			

Tank Information

Tank No:	1	**Product:**	Gasoline
Capacity:	10000	**CERCLA Substance:**	
Status:	Removed	**CAS Code:**	
Install Date:	6/15/1984	**OSFM First Notify Dt:**	1/17/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	11/1/1997	**Red Tag Issue Date:**	
Removed Date:	11/18/1997	**Product Date:**	6/20/1984
Current Age:	13	**Fee Due:**	
Petroleum Use:			

Tank Information

Tank No:	4	**Product:**	Used Oil
Capacity:	550	**CERCLA Substance:**	
Status:	Exempt from registration	**CAS Code:**	
Install Date:		**OSFM First Notify Dt:**	1/17/1986
Abandoned Date:		**Abandoned Material:**	
Last Used Date:		**Red Tag Issue Date:**	
Removed Date:		**Product Date:**	
Current Age:	20	**Fee Due:**	
Petroleum Use:			

Owner Summary

Owner No:	U0011864	**Owner Status:**	Former Owner
Owner Name:	Phillips Petroleum Company	**Purchase Date:**	12/31/1967
Owner No:	U0015785	**Owner Status:**	Current Owner / Operator
Owner Name:	Village Tire, Inc.	**Purchase Date:**	10/1/1991
Owner No:	U0015785	**Owner Status:**	Former Owner
Owner Name:	Village Tire, Inc.	**Purchase Date:**	10/1/1991

LUST Fund Eligibility

IEMA No:	99-0863	**OSFM Response Dt:**	7/21/1999
Status:	Eligible	**Deductible:**	$10,000
OSFM Received Date:	7/9/1999	**Letter:**	
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=990863		

6	*1 of 15*	*SW*	*0.06 / 340.16*	*644.78 / 0*	*General Fire Extinguisher Corporation*	*ENG CONTROL*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					1685 Shermer Road Northbrook IL 60062	

IEPA ID:	0312070004	**Longitude:**	-87.827175
US EPA ID:	ILD006958102	**Latitude:**	42.120861
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	**Contact:**	Charity Simpson, P.E.
Applicant Title:	Mr.	**Consultant Address:**	700 North Sacramento Boulevard
Applicant First Name:	Brian	**Consultant Address 2:**	Suite 101
Applicant Last Name:	Hoffman	**Consultant City:**	Chicago, IL
Applicant Address:	425 Huehl Road	**Consultant Zip Code:**	60612
Applicant Address 2:	Building 18	**Project Manager:**	Russell Irwin
Applicant City:	Northbrook, IL	**Received Sa Date:**	3/7/2002
Applicant Zip Code:	60062	**4Y Letter Date:**	
Applicant Company:	RSD Shermer, LLC		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letters Information

Applicant First Name:	Brian	**Slab On Grade:**	No
Applicant Last Name:	Hoffman	**BCT:**	No
Applicant Address:	425 Huehl Road	**IC Inst Control Other:**	No
Applicant Address2:	Building 18	**Building Slab:**	No
Applicant City:	Northbrook, IL	**Asphalt Used:**	Yes
Applicant Zip Code:	60062	**Concrete Used:**	Yes
Acres:	18.57	**Clean Soil 3ft:**	No
Grnd Wtr Restriction:	Yes	**Clean Soil 10:**	No
HWY Auth Agrmnt:	No	**Alternate Barrier:**	Yes
Ordinance:	No	**Other Barrier:**	No
Industrial Cmmrcial:	No	**ELUC Grndwtr Rstrct:**	Yes
Worker Caution:	Yes	**ELUC Other:**	No
Applicant Company:	RSD Shermer, LLC		
NFR Site Name:	General Fire Extinguisher Corporation		
NFR Letter Date:	11/10/2003		
Effective:	TRUE		
NFR Recorded Date:	11/12/2003		
Land Use:	Residential or Industrial/Commercial		
Comprehensive Focused:	Comprehensive		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of 15	SW	0.06 / 340.16	644.78 / 0	General Fire Extinguisher Corporation 1685 Shermer Road Northbrook IL 60062	INST CONTROL

IEPA ID:	0312070004	**Longitude:**	-87.827175
US EPA ID:	ILD006958102	**Latitude:**	42.120861
County:	Cook		

Site Applicant / Consultant Information

Applicant Title:	Mr.	**Received Sa Date:**	3/7/2002
Applicant First Name:	Brian	**Project Manager:**	Russell Irwin
Applicant Last Name:	Hoffman	**4Y Letter Date:**	
Applicant Company:	RSD Shermer, LLC	**Active Site:**	No
Applicant Address:	425 Huehl Road	**Consultant Address:**	700 North Sacramento Boulevard
Applicant Address 2:	Building 18	**Consultant Address 2:**	Suite 101
Applicant City:	Northbrook, IL	**Consultant City:**	Chicago, IL
Applicant Zip Code:	60062	**Consultant Zip Code:**	60612
Contact:	Charity Simpson, P.E.		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Letters Information

NFR Site Name:	General Fire Extinguisher Corporation	***Industrial Cmmrcial:***	No
NFR Letter Date:	11/10/2003	***Worker Caution:***	Yes
Effective:	TRUE	***Slab on Grade:***	No
NFR Recorded Date:	11/12/2003	***BCT:***	No
Cmprehnsve Focsd:	Comprehensive	***IC Inst Control Other:***	No
Applicant First Name:	Brian	***Building Slab:***	No
Applicant Last Name:	Hoffman	***Asphalt Used:***	Yes
Applicant Company:	RSD Shermer, LLC	***Concrete Used:***	Yes
Applicant Address:	425 Huehl Road	***Clean Soil 3ft:***	No
Applicant Address2:	Building 18	***Clean Soil 10:***	No
Applicant City:	Northbrook, IL	***Alternate Barrier:***	Yes
Applicant Zip Code:	60062	***Other Barrier:***	No
Acres:	18.57	***ELUC Other:***	No
Ordinance:	No		
ELUC Grndwater Use Restrict:	Yes		
Ground Water Use Restriction:	Yes		
Highway Authority Agreement:	No		
Land Use:	Residential or Industrial/Commercial		

6	3 of 15	SW	0.06 / 340.16	644.78 / 0	RSD Shermar LLC 1685 Shermer Road Northbrook IL 60062	LUST

Incident No:	20021776	***Sec 57:***	P.A.
BL ID:	0312070004	***Non Lust:***	
Rpt Rec 20:		***Rpt Rec 45:***	
IEMA Date:	12/12/2002 12:00:00 AM	***Sec 57 5g:***	2/13/2003 12:00:00 AM
Gasoline:	False	***NFR NFA Date:***	
Unleaded:	False	***NFR Recorded:***	
Diesel:	False	***Pre 74 Date:***	
Fuel Oil:	False	***FPD Date:***	
Jet Fuel:	False	***NFR Recission:***	
Used Oil:	False	***NFR Voided:***	
Non Petroleum Prod:	False	***Phone:***	(217) 785-7492
Other Petroleum:	True	***County:***	Cook
Project Manager:	Davis	***First Name:***	Valerie
Site Class:		***Email:***	Valerie.A.Davis@illinois.gov
Primary Resp Party Name:	RSD Shermar LLC		
Primary Resp Party Address:	425 Huehl Rd., Bldg. 18		
Primary Resp Party City:	Northbrook		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60062		
Primary Resp Party Phone:	8472725600		
Primary Resp Party Contact:	Brian Hoffman		

6	4 of 15	SW	0.06 / 340.16	644.78 / 0	RSD Shermar LLC 1685 Shermer Road Northbrook IL 60062	LUST

Incident No:	20021777	***Sec 57:***	P.A.
BL ID:	0312070004	***Non Lust:***	
Rpt Rec 20:		***Rpt Rec 45:***	
IEMA Date:	12/12/2002 12:00:00 AM	***Sec 57 5g:***	2/13/2003 12:00:00 AM
Gasoline:	False	***NFR NFA Date:***	
Unleaded:	False	***NFR Recorded:***	
Diesel:	False	***Pre 74 Date:***	
Fuel Oil:	False	***FPD Date:***	
Jet Fuel:	False	***NFR Recission:***	
Used Oil:	False	***NFR Voided:***	
Non Petroleum Prod:	False	***Phone:***	(217) 785-7492
Other Petroleum:	True	***County:***	Cook
Project Manager:	Davis	***First Name:***	Valerie
Site Class:		***Email:***	Valerie.A.Davis@illinois.gov

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Resp Party Name: RSD Shermar LLC
Primary Resp Party Address: 425 Huehl Rd., Bldg. 18
Primary Resp Party City: Northbrook
Primary Resp Party State: IL
Primary Resp Party Zip: 60062
Primary Resp Party Phone: 8472725600
Primary Resp Party Contact: Brian Hoffman

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6 | **5 of 15** | **SW** | **0.06 / 340.16** | **644.78 / 0** | **General Fire Extinguisher**
1685 Shermer Rd.
Northbrook IL 60062 | **LUST**

Incident No: 911503
BL ID: 0312070004
Rpt Rec 20:
IEMA Date: 6/4/1991 12:00:00 AM
Gasoline: True
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Project Manager: Davis
Site Class:
Sec 57: 731
Non Lust:
Rpt Rec 45:
Sec 57 5g:
NFR NFA Date: 11/2/1999 12:00:00 AM
NFR Recorded: 3/21/2000 12:00:00 AM
Pre 74 Date:
FPD Date:
NFR Recission:
NFR Voided:
Phone: (217) 785-7492
County: Cook
First Name: Valerie
Email: Valerie.A.Davis@illinois.gov
Primary Resp Party Name: General Fire Extinguisher
Primary Resp Party Address: 1685 Shermer Rd.
Primary Resp Party City: Northbrook
Primary Resp Party State: IL
Primary Resp Party Zip: 60062
Primary Resp Party Phone:
Primary Resp Party Contact: William Warnock

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6 | **6 of 15** | **SW** | **0.06 / 340.16** | **644.78 / 0** | **General Fire Extinguisher Corp.**
1685 Shermer Rd.
Northbrook IL 60062 | **LUST**

Incident No: 903355
BL ID: 0312070004
Rpt Rec 20:
IEMA Date: 11/13/1990 12:00:00 AM
Gasoline: False
Unleaded: False
Diesel: True
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Project Manager: Davis
Site Class:
Sec 57: 731
Non Lust:
Rpt Rec 45:
Sec 57 5g:
NFR NFA Date: 3/23/1999 12:00:00 AM
NFR Recorded: 5/14/1999 12:00:00 AM
Pre 74 Date:
FPD Date:
NFR Recission:
NFR Voided:
Phone: (217) 785-7492
County: Cook
First Name: Valerie
Email: Valerie.A.Davis@illinois.gov
Primary Resp Party Name: General Fire Extinguisher
Primary Resp Party Address: 1685 Shermer Rd.
Primary Resp Party City: Northbrook
Primary Resp Party State: IL
Primary Resp Party Zip: 60062
Primary Resp Party Phone:
Primary Resp Party Contact: William R. Warnock

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6 | **7 of 15** | **SW** | **0.06 / 340.16** | **644.78 / 0** | **General Fire Extinguishers**
1685 Shermer Rd. | **LUST**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					Northbrook IL 60062	

Incident No:	952112	***Sec 57:***	732
BL ID:	0312070004	***Non Lust:***	
Rpt Rec 20:		***Rpt Rec 45:***	
IEMA Date:	10/11/1995 12:00:00 AM	***Sec 57 5g:***	
Gasoline:	True	***NFR NFA Date:***	11/2/1999 12:00:00 AM
Unleaded:	False	***NFR Recorded:***	3/21/2000 12:00:00 AM
Diesel:	False	***Pre 74 Date:***	
Fuel Oil:	False	***FPD Date:***	
Jet Fuel:	False	***NFR Recission:***	
Used Oil:	False	***NFR Voided:***	
Non Petroleum Prod:	False	***Phone:***	(217) 785-7492
Other Petroleum:	False	***County:***	Cook
Project Manager:	Davis	***First Name:***	Valerie
Site Class:		***Email:***	Valerie.A.Davis@illinois.gov
Primary Resp Party Name:	General Fire Extinguisher		
Primary Resp Party Address:	55 West Monroe, Suite 355		
Primary Resp Party City:	Chicago		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60603		
Primary Resp Party Phone:	3128035928		
Primary Resp Party Contact:	Lou Rascia		

6	*8 of 15*	*SW*	*0.06 / 340.16*	*644.78 / 0*	***FORMER GENERAL FIRE EXTINGUSH*** ***1685 SHERMER RD*** ***NORTHBROOK IL 60062***	***RCRA NON GEN***

EPA Handler ID:	ILD006958102
Land Type Code:	P
Land Type Desc:	Private
Federal Waste Generator Code:	N
Gen Status Univ Code:	N
Gen Status Univ Desc:	No Report
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Activity Location:	IL
County Code:	IL031
County Name:	COOK
Contact Name:	BRIAN HOFFMAN
Contact Phone No and Ext:	847-272-5600
Contact Email:	
Contact Address:	US
Mailing Address:	425 HUEHL RD , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind:	CO	***Country:***	US
Name:	1687 SHERMER RD LLC	***Zip Code:***	60126
Street No:		***Phone:***	
Street 1:	110 N YORK RD	***Type:***	P
Street 2:		***Date Became Current:***	20000930
City:	ELMHURST	***Date Ended Current:***	
State:	IL		
Source Type:	R		

Owner/Operator Ind:	CP	***Country:***	
Name:	NAME NOT REPORTED	***Zip Code:***	99998
Street No:		***Phone:***	312-555-1212
Street 1:	ADDRESS NOT REPORTED	***Type:***	P
Street 2:		***Date Became Current:***	
City:	CITY NOT REPORTED	***Date Ended Current:***	
State:	AK		
Source Type:	N		

Owner/Operator Ind:	CP	***Country:***	US
Name:	FORMER GEN FIRE EXTINGUISH	***Zip Code:***	60062
Street No:		***Phone:***	
Street 1:	425 HUEHL RD BLDG 18	***Type:***	P
Street 2:		***Date Became Current:***	20000930
City:	NORTHBROOK	***Date Ended Current:***	
State:	IL		
Source Type:	R		

Owner/Operator Ind:	CO	***Country:***	
Name:	1687 SHERMER RD LLC	***Zip Code:***	60126
Street No:		***Phone:***	630-832-1169
Street 1:	110 N YORK RD	***Type:***	P
Street 2:		***Date Became Current:***	20000930
City:	ELMHURST	***Date Ended Current:***	
State:	IL		
Source Type:	N		

NAICS Details

Source Type:	R
NAICS Code Owner:	HQ
NAICS Code:	339999
NAICS Description:	ALL OTHER MISCELLANEOUS MANUFACTURING
NAICS Active Status:	Yes
NAICS Cycle:	2002

Hazardous Waste Details

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	U211
Source Type:	N
Code Type:	U
Waste Code Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	U226
Source Type:	N
Code Type:	U
Waste Code Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	D040
Source Type:	N
Code Type:	D
Waste Code Description:	TRICHLORETHYLENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	U228
Source Type:	N
Code Type:	U
Waste Code Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19810814	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	FORMER GENERAL FIRE EXTINGUISHER
Fed Waste Gen Cd:	2	***Location Street No:***	
Fed Waste Gen Desc:	Small Quantity Generator	***Location Street 1:***	1685 SHERMER RD
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	425 HUEHL RD
Recycler Activity:	No	***Mailing Street 2:***	BLDG 18
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	
LQHUW:	No	***Contact State:***	
Trader Importer:		***Contact Zip:***	
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	20021106	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Land Type:	P	**UO Spec Marketer:**	No
Fed Waste Gen Own:	HQ	**Current Site Name:**	FORMER GENERAL FIRE EXTINGUISHER
Fed Waste Gen Cd:	1	**Location Street No:**	
Fed Waste Gen Desc:	Large Quantity Generator	**Location Street 1:**	1685 SHERMER RD
ST Waste Gen Own:		**Location Street 2:**	
State Waste Gen Cd:		**Location City:**	NORTHBROOK
Short Term Gen:	No	**Location State:**	IL
Importer Activity:	No	**Location Zip Code:**	60062
Mixed Waste Gen:	No	**County Code:**	IL031
Transporter:	No	**State District:**	
Transfer Facility:	No	**Mailing Street No:**	
TSD Activity:	No	**Mailing Street 1:**	425 HUEHL RD
Recycler Activity:	No	**Mailing Street 2:**	BLDG 18
Onsite Burn Exempt:	No	**Mailing City:**	NORTHBROOK
Furnace Exemption:	No	**Mailing State:**	IL
Underground Inject:	No	**Mailing Zip Code:**	60062
Off Site Receipt:	No	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	BRIAN
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	HOFFMAN
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	425 HUEHL RD
Include Ntnl Rprt:		**Contact Street 2:**	BLDG 18
Reporting Cycle:		**Contact City:**	NORTHBROOK
LQHUW:	No	**Contact State:**	IL
Trader Importer:		**Contact Zip:**	60062
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	847-272-5600
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	No	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

Handler Details

Source Type:	R	**Used Oil Transporter:**	No
Receive Date:	20040301	**UO Transfer Fac:**	No
Non Notifier:		**Used Oil Processor:**	No
Acknowledge Flag:		**Used Oil Refiner:**	No
Acknowledge Date:		**Used Oil Burner:**	No
Accessibility:		**UO Market Burner:**	No
Land Type:	P	**UO Spec Marketer:**	No
Fed Waste Gen Own:	HQ	**Current Site Name:**	FORMER GENERAL FIRE EXTINGUSH
Fed Waste Gen Cd:	N	**Location Street No:**	
Fed Waste Gen Desc:		**Location Street 1:**	1685 SHERMER RD
ST Waste Gen Own:	IL	**Location Street 2:**	
State Waste Gen Cd:	S	**Location City:**	NORTHBROOK
Short Term Gen:	No	**Location State:**	IL
Importer Activity:	No	**Location Zip Code:**	60062
Mixed Waste Gen:	No	**County Code:**	IL031
Transporter:	No	**State District:**	
Transfer Facility:	No	**Mailing Street No:**	
TSD Activity:	No	**Mailing Street 1:**	425 HUEHL RD
Recycler Activity:	No	**Mailing Street 2:**	
Onsite Burn Exempt:	No	**Mailing City:**	NORTHBROOK
Furnace Exemption:	No	**Mailing State:**	IL
Underground Inject:	No	**Mailing Zip Code:**	60062
Off Site Receipt:	No	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	BRIAN
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	HOFFMAN
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	
Include Ntnl Rprt:	Y	**Contact Street 2:**	
Reporting Cycle:	2003	**Contact City:**	
LQHUW:	No	**Contact State:**	
Trader Importer:		**Contact Zip:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	847-272-5600
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	Yes	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

6 — 9 of 15 — SW — 0.06 / 340.16 — 644.78 / 0 — **GENERAL FIRE EXTINGUISHERS INC**
1685 SHERMER ROAD
NORTHBROOK IL — SPILLS

Incident No:	952112	**City:**	NORTHBROOK
Incident Rprt Date:	10/11/1995 4:23:00 PM	**State:**	ILLINOIS
Incident County:	COOK	**County:**	COOK
Entered by:		**Section:**	
Data Input Status:	CLOSED	**Township:**	
Leaking UST:		**Range:**	
Caller:	FRANK P. DEFRANZA	**Facility Manager:**	
Caller Represents:	KINETIC SOLUTIONS INC.	**Fac Manager Phone:**	
Hazmat Incid Type:	LEAK	**Contacted ESDA?:**	
Dt/Tm Occurred:	UNK	**ESDA on Scene?:**	
Temp:		**Spec ESDA Contact:**	
Wind:		**Contact Fire Dept?:**	
Dt/Tm Incid Occur:	UNK	**Fire Dept on Scene:**	
Check if Unknown:		**Fire Dept Name:**	
Dt/Tm Discovered:	10/11/95 1515	**Contacted Police?:**	
Check if Unknown:		**Police on Scene?:**	
Where Taken:	NONE	**Police Dept Name:**	
On Scene Contact:		**Sheriff Dept:**	
No of People Evac:	NONE	**Sheriff on Scene:**	
Area Involved:	FIXED FACILITY	**Sheriff Dept Name:**	
Latitude:		**Other Contact?:**	
Longitude:		**Other on Scene?:**	
Media or Medium:		**Other Agency Name:**	
Milepost:		**Date Entered:**	UNK
Responsible Party Street:			
Proper Safety Precautions:	NONE		
State Agencies Assist Needed:			
Containment Cleanup Actions:			
Narrative:			

Spill Material Information

Material Name:	LEADED GASOLINE
Material Type:	UNKNOWN
CHRIS Code:	
CAS No:	
UN NA No:	
302(a) Hazardous Substance?:	
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	
Container Type:	UNDERGROUND TANK
Container Size:	UNDERGROUND TANK
Amount Released:	UNK
Rate of Release/Min:	
Duration of Release:	
Cause of Release:	CORROSION
Estimated Spill Extent:	
Spill Extent Units:	

Spill Material Information

Material Name:	LEADED GASOLINE
Material Type:	UNKNOWN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CHRIS Code:
CAS No:
UN NA No:
302(a) Hazardous Substance?:
RCRA Hazardous Waste?:
RCRA Regulated Facility?:
Container Type: UNDERGROUND TANK
Container Size: UNDERGROUND TANK
Amount Released: UNK
Rate of Release/Min:
Duration of Release:
Cause of Release: CORROSION
Estimated Spill Extent:
Spill Extent Units:

Agency Spill Details

Agency Notified Name:
Date/Time Agency Notified:
Follow Up:

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6 | ***10 of 15*** | ***SW*** | ***0.06 / 340.16*** | ***644.78 / 0*** | ***RSD SHERMAR, LLC 1685 SHERMAR ROAD NORTHBROOK IL*** | ***SPILLS***

Incident No: H 2002 1776
Incident Rprt Date: 12/12/2002 12:00:00 AM
Incident County: COOK
Entered by:
Data Input Status: CLOSED
Leaking UST:
Caller:
Caller Represents:
Hazmat Incid Type: LEAK OR SPILL
Dt/Tm Occurred:
Temp:
Wind: UNK UNK
Dt/Tm Incid Occur:
Check if Unknown:
Dt/Tm Discovered: 12/12/2002 @ 09:00
Check if Unknown:
Where Taken:
On Scene Contact: N/A
No of People Evac: NONE
Area Involved: FIXED FACILITY
Latitude:
Longitude:
Media or Medium:
Milepost:
City: NORTHBROOK
State: ILLINOIS
County: COOK
Section:
Township:
Range:
Facility Manager:
Fac Manager Phone:
Contacted ESDA?:
ESDA on Scene?:
Spec ESDA Contact:
Contact Fire Dept?:
Fire Dept on Scene:
Fire Dept Name:
Contacted Police?:
Police on Scene?:
Police Dept Name:
Sheriff Dept:
Sheriff on Scene:
Sheriff Dept Name:
Other Contact?: YES
Other on Scene?:
Other Agency Name: OSFM
Date Entered:
Responsible Party Street: 425 HUEHL ROAD BLDG. 18 NORTHBROOK, IL 60062
Proper Safety Precautions: NONE
State Agencies Assist Needed: NONE
Containment Cleanup Actions: CONTRATOR HIRED PIONEER ENVIRONMENTAL
Narrative:

IEPA/OSFM/NRTP/REGION 4

Spill Material Information

Material Name: HEATING OIL
Material Type: LIQUID
CHRIS Code:
CAS No: UNK
UN NA No: UNK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

302(a) Hazardous Substance?:	NO
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	NO
Container Type:	UNDERGROUND TANK
Container Size:	2-2000 GALS.
Amount Released:	UNKNOWN
Rate of Release/Min:	
Duration of Release:	
Cause of Release:	425 HUEHL ROAD BLDG. 18 NORTHBROOK, IL 60062
Estimated Spill Extent:	UNKNOWN
Spill Extent Units:	

Agency Spill Details

Agency Notified Name:	
Date/Time Agency Notified:	
Follow Up:	

6	*11 of 15*	*SW*	*0.06 / 340.16*	*644.78 / 0*	***RSD SHERMAR LLC 1685 SHERMAR ROAD NORTHBROOK IL***	***SPILLS***

Incident No:	H 2002 1777	***City:***	NORTHBROOK
Incident Rprt Date:	12/12/2002 12:00:00 AM	***State:***	ILLINOIS
Incident County:	COOK	***County:***	COOK
Entered by:		***Section:***	
Data Input Status:	CLOSED	***Township:***	
Leaking UST:		***Range:***	
Caller:		***Facility Manager:***	
Caller Represents:		***Fac Manager Phone:***	
Hazmat Incid Type:	LEAK OR SPILL	***Contacted ESDA?:***	
Dt/Tm Occurred:		***ESDA on Scene?:***	
Temp:		***Spec ESDA Contact:***	
Wind:	UNK UNK	***Contact Fire Dept?:***	
Dt/Tm Incid Occur:		***Fire Dept on Scene:***	
Check if Unknown:		***Fire Dept Name:***	
Dt/Tm Discovered:	12/12/2002 @ 09:00	***Contacted Police?:***	
Check if Unknown:		***Police on Scene?:***	
Where Taken:		***Police Dept Name:***	
On Scene Contact:	N/A	***Sheriff Dept:***	
No of People Evac:	NONE	***Sheriff on Scene:***	
Area Involved:	FIXED FACILITY	***Sheriff Dept Name:***	
Latitude:		***Other Contact?:***	YES
Longitude:		***Other on Scene?:***	
Media or Medium:		***Other Agency Name:***	OSFM/GEORGE PINTOWSKI
Milepost:		***Date Entered:***	

Responsible Party Street:	425 HUEHL ROAD BLDG. 18 NORTHBROOK, IL 60062
Proper Safety Precautions:	NONE
State Agencies Assist Needed:	NONE
Containment Cleanup Actions:	CONTRACTOR HIRED PIONEER ENVIRONMENTAL
Narrative:	

IEPA/OSFM/NRTP REGION 4

Spill Material Information

Material Name:	HEATING OIL
Material Type:	LIQUID
CHRIS Code:	
CAS No:	UNK
UN NA No:	UNK
302(a) Hazardous Substance?:	NO
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Container Type:	UNDERGROUND TANK
Container Size:	2-2000 GALS.
Amount Released:	UNKNOWN
Rate of Release/Min:	
Duration of Release:	
Cause of Release:	425 HUEHL ROAD BLDG. 18 NORTHBROOK, IL 60062
Estimated Spill Extent:	UNKNOWN
Spill Extent Units:	

Agency Spill Details

Agency Notified Name:	
Date/Time Agency Notified:	
Follow Up:	

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6 | **12 of 15** | **SW** | **0.06 / 340.16** | **644.78 / 0** | **GENERAL FIRE EXTINGUISHER CORP**
1685 SHERMER ROAD
NORTHBROOK IL | **SPILLS**

Incident No:	903355	**City:**	NORTHBROOK
Incident Rprt Date:	11/13/1990 11:22:00 AM	**State:**	ILLINOIS
Incident County:	COOK	**County:**	COOK
Entered by:		**Section:**	
Data Input Status:	CLOSED	**Township:**	
Leaking UST:		**Range:**	
Caller:	WILLIAM R. WARNOCK	**Facility Manager:**	
Caller Represents:	GENERAL FIRE EXTINGUUISH-	**Fac Manager Phone:**	
Hazmat Incid Type:	LEAK	**Contacted ESDA?:**	
Dt/Tm Occurred:		**ESDA on Scene?:**	
Temp:		**Spec ESDA Contact:**	
Wind:		**Contact Fire Dept?:**	
Dt/Tm Incid Occur:		**Fire Dept on Scene:**	
Check if Unknown:		**Fire Dept Name:**	
Dt/Tm Discovered:	11/13/90 1100	**Contacted Police?:**	
Check if Unknown:		**Police on Scene?:**	
Where Taken:		**Police Dept Name:**	
On Scene Contact:		**Sheriff Dept:**	
No of People Evac:		**Sheriff on Scene:**	
Area Involved:	FIXED FACILITY	**Sheriff Dept Name:**	
Latitude:		**Other Contact?:**	
Longitude:		**Other on Scene?:**	
Media or Medium:		**Other Agency Name:**	
Milepost:		**Date Entered:**	
Responsible Party Street:			
Proper Safety Precautions:			
State Agencies Assist Needed:			
Containment Cleanup Actions:			
Narrative:			

Spill Material Information

Material Name:	DIESEL FUEL
Material Type:	UNKNOWN
CHRIS Code:	
CAS No:	
UN NA No:	
302(a) Hazardous Substance?:	
RCRA Hazardous Waste?:	
RCRA Regulated Facililty?:	
Container Type:	UNDERGROUND TANK
Container Size:	UNDERGROUND TANK
Amount Released:	UNK
Rate of Release/Min:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Duration of Release:
Cause of Release: UNK
Estimated Spill Extent:
Spill Extent Units:

Agency Spill Details

Agency Notified Name:
Date/Time Agency Notified:
Follow Up:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	13 of 15	SW	0.06 / 340.16	644.78 / 0	GENERAL FIRE DISTINGUISHER INC 1685 SHERMER RD. NORTH BROOK IL	SPILLS

Incident No: 911503
Incident Rprt Date: 6/4/1991 12:09:00 PM
Incident County: COOK
Entered by:
Data Input Status: CLOSED
Leaking UST:
Caller: WILLIAM WARNOCK
Caller Represents: GENERAL FIRE DISTINGUISHE
Hazmat Incid Type: LEAK
Dt/Tm Occurred:
Temp:
Wind:
Dt/Tm Incid Occur:
Check if Unknown:
Dt/Tm Discovered: 06/04/91 1130
Check if Unknown:
Where Taken: -0-
On Scene Contact:
No of People Evac: -0-
Area Involved: FIXED FACILITY
Latitude:
Longitude:
Media or Medium:
Milepost:
Responsible Party Street:
Proper Safety Precautions: NONE
State Agencies Assist Needed:
Containment Cleanup Actions:
Narrative:

City: NORTH BROOK
State: ILLINOIS
County: COOK
Section:
Township:
Range:
Facility Manager:
Fac Manager Phone:
Contacted ESDA?:
ESDA on Scene?:
Spec ESDA Contact:
Contact Fire Dept?:
Fire Dept on Scene:
Fire Dept Name:
Contacted Police?:
Police on Scene?:
Police Dept Name:
Sheriff Dept:
Sheriff on Scene:
Sheriff Dept Name:
Other Contact?:
Other on Scene?:
Other Agency Name:
Date Entered:

Spill Material Information

Material Name: GASOLINE
Material Type: UNKNOWN
CHRIS Code:
CAS No:
UN NA No:
302(a) Hazardous Substance?:
RCRA Hazardous Waste?:
RCRA Regulated Facililty?:
Container Type: UNDERGROUND TANK
Container Size: UNDERGROUND TANK
Amount Released:
Rate of Release/Min:
Duration of Release:
Cause of Release:
Estimated Spill Extent:
Spill Extent Units:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Agency Spill Details

Agency Notified Name:
Date/Time Agency Notified:
Follow Up:

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6 | ***14 of 15*** | ***SW*** | ***0.06 / 340.16*** | ***644.78 / 0*** | ***General Fire Extinguisher Corporation 1685 Shermer Road Northbrook IL 60062*** | ***SRP***

IEPA ID:	0312070004	***Longitude:***	-87.827175
USEPA ID:	ILD006958102	***Latitude:***	42.120861
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	***Contact:***	Charity Simpson, P.E.
Applicant Title:	Mr.	***Consultant Address:***	700 North Sacramento Boulevard
Applicant First Name:	Brian	***Consultant Address 2:***	Suite 101
Applicant Last Name:	Hoffman	***Consultant City:***	Chicago, IL
Applicant Address:	425 Huehl Road	***Consultant Zip Code:***	60612
Applicant Address 2:	Building 18	***Project Manager:***	Russell Irwin
Applicant City:	Northbrook, IL	***Received Sa Date:***	3/7/2002
Applicant Zip Code:	60062	***4Y Letter Date:***	
Applicant Company:	RSD Shermer, LLC		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letter Information

Applicant First Name:	Brian	***Slab On Grade:***	No
Applicant Last Name:	Hoffman	***BCT:***	No
Applicant Address:	425 Huehl Road	***IC Inst Control Other:***	No
Applicant Address2:	Building 18	***Building Slab:***	No
Applicant City:	Northbrook, IL	***Asphalt Used:***	Yes
Applicant Zip Code:	60062	***Concrete Used:***	Yes
Acres:	18.57	***Clean Soil 3ft:***	No
Grnd Wtr Restriction:	Yes	***Clean Soil 10:***	No
HWY Auth Agrmnt:	No	***Alternate Barrier:***	Yes
Ordinance:	No	***Other Barrier:***	No
Industrial Cmmrcial:	No	***ELUC Grndwtr Rstrct:***	Yes
Worker Caution:	Yes	***ELUC Other:***	No
Applicant Company:	RSD Shermer, LLC		
NFR Site Name:	General Fire Extinguisher Corporation		
NFR Letter Date:	11/10/2003		
Effective:	TRUE		
NFR Recorded Date:	11/12/2003		
Land Use:	Residential or Industrial/Commercial		
Comprehensive Focused:	Comprehensive		

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6 | ***15 of 15*** | ***SW*** | ***0.06 / 340.16*** | ***644.78 / 0*** | ***General Fire Extinguisher Corp 1685 Shermer Rd Northbrook IL 60062*** | ***UST***

Facility No:	2015588	***Green Tag Decal:***	
Facility Status:	Closed	***Green Tag Issue Date:***	
Facility Type:	None	***Green Tag Exp Dt:***	
Motor Fuel Type:		***Mtr Fuel Perm Insp Dt:***	
Owner Type:		***Mtr Fuel Perm Exp Dt:***	
Owner Name:	General Fire Extinguisher Corp	***Purchase Date:***	
Owner Status:	Current Owner	***County:***	Cook
Owner Address:	1685 Shermer RdNorthbrook, IL 60062		

Type Financial Resp:
Fin Resp Rpt Due:
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2015588

Tank Information

Tank No:	5	***Product:***	Heating Oil
Capacity:	5000	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	11/15/2002
Abandoned Date:		***Abandoned Material:***	
Last Used Date:		***Red Tag Issue Date:***	
Removed Date:	12/12/2002	***Product Date:***	
Current Age:		***Fee Due:***	$0.00
Petroleum Use:			

Tank Information

Tank No:	7	***Product:***	Heating Oil
Capacity:		***CERCLA Substance:***	
Status:	Exempt from registration	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	12/1/1973	***Red Tag Issue Date:***	
Removed Date:		***Product Date:***	
Current Age:		***Fee Due:***	
Petroleum Use:			

Tank Information

Tank No:	1	***Product:***	Gasoline
Capacity:	2000	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	4/16/1986
Abandoned Date:		***Abandoned Material:***	
Last Used Date:		***Red Tag Issue Date:***	
Removed Date:	1/1/1991	***Product Date:***	
Current Age:	30	***Fee Due:***	$0.00
Petroleum Use:			

Tank Information

Tank No:	4	***Product:***	Gasoline
Capacity:	500	***CERCLA Substance:***	
Status:	Exempt from registration	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	1/1/1902
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	1/1/1970	***Red Tag Issue Date:***	
Removed Date:	1/30/1996	***Product Date:***	
Current Age:		***Fee Due:***	
Petroleum Use:			

Tank Information

Tank No:	6	***Product:***	Heating Oil
Capacity:	5000	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	11/15/2002
Abandoned Date:		***Abandoned Material:***	
Last Used Date:		***Red Tag Issue Date:***	
Removed Date:	12/12/2002	***Product Date:***	
Current Age:		***Fee Due:***	$0.00
Petroleum Use:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Information

Tank No:	2	***Product:***	Gasoline
Capacity:	10000	***CERCLA Substance:***	
Status:	Removed	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	4/16/1986
Abandoned Date:		***Abandoned Material:***	
Last Used Date:		***Red Tag Issue Date:***	
Removed Date:	11/13/1990	***Product Date:***	
Current Age:	30	***Fee Due:***	$0.00
Petroleum Use:			

Tank Information

Tank No:	3	***Product:***	Heating Oil
Capacity:	275	***CERCLA Substance:***	
Status:	Exempt from registration	***CAS Code:***	
Install Date:		***OSFM First Notify Dt:***	5/10/1991
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	1/1/1902	***Red Tag Issue Date:***	
Removed Date:	1/1/1991	***Product Date:***	
Current Age:		***Fee Due:***	
Petroleum Use:	Heating Oil		

Owner Summary

Owner No:	U0005727	***Owner Status:***	Current Owner
Owner Name:	General Fire Extinguisher Corp	***Purchase Date:***	

IEMA Numbers

IEMA No:	02-1777
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20021777
IEMA No:	Removal Log
IEMA Link:	
IEMA No:	91-1503
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=911503

7	***1 of 2***	***SSW***	***0.11 / 577.54***	***645.36 / 0***	***SERFILCO CO 1777 SHERMER NORTHBROOK IL 60062***	***RCRA CESQG***

EPA Handler ID:	ILD984905307
Land Type Code:	P
Land Type Desc:	Private
Federal Waste Generator Code:	3
Gen Status Univ Code:	CEG
Gen Status Univ Desc:	Conditionally Exempt Small Quantity Generator
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No

Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Activity Location:	IL
County Code:	IL031
County Name:	COOK
Contact Name:	NORMAN BUCCIO
Contact Phone No and Exten:	708-559-1777
Contact Email:	
Contact Address:	1777 SHERMER , NORTHBROOK , IL, 60062 , US
Mailing Address:	1777 SHERMER , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind:	CO	***Country:***	
Name:	BERG JACK	***Zip Code:***	60062
Street No:		***Phone:***	708-559-1777
Street 1:	1777 SHERMER	***Type:***	P
Street 2:		***Date Became Current:***	
City:	NORTHBROOK	***Date Ended Current:***	
State:	IL		
Source Type:	N		

Hazardous Waste Details

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	D001
Source Type:	N
Code Type:	D
Waste Code Description:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19921007	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	SERFILCO CO
Fed Waste Gen Cd:	3	***Location Street No:***	
Fed Waste Gen Desc:	Conditionally Exempt Small Quantity	***Location Street 1:***	1777 SHERMER
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1777 SHERMER
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	NORMAN
Subpart K College:		***Contact Middle Initial:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Subpart K Hospital:		**Contact Last Name:**	BUCCIO
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	1777 SHERMER
Include Ntnl Rprt:		**Contact Street 2:**	
Reporting Cycle:		**Contact City:**	NORTHBROOK
LQHUW:	No	**Contact State:**	IL
Trader Importer:		**Contact Zip:**	60062
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	708-559-1777
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	Yes	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

7	2 of 2	SSW	0.11 / 577.54	645.36 / 0	**Moody Bible Institute Dist Ctr** **1777 Shermer Rd** **Northbrook IL 60062**	UST

Facility No:	2027589	**Green Tag Decal:**	
Facility Status:	Closed	**Green Tag Issue Date:**	
Facility Type:	Private Institution	**Green Tag Exp Dt:**	
Motor Fuel Type:		**Mtr Fuel Perm Insp Dt:**	
Owner Type:	Private	**Mtr Fuel Perm Exp Dt:**	
Owner Name:	Moody Bible Institute	**Purchase Date:**	1/1/1960
Owner Status:	Current Owner	**County:**	Cook
Owner Address:	820 N La Salle StChicago, IL 60610		
Type Financial Resp:	Commercial Insurance and Self-Insurance		
Fin Resp Rpt Due:			
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2027589		

Tank Information

Tank No:	1	**Product:**	
Capacity:	15000	**CERCLA Substance:**	
Status:	Abandoned in place	**CAS Code:**	
Install Date:	1/1/1960	**OSFM First Notify Dt:**	7/8/1991
Abandoned Date:	11/15/1991	**Abandoned Material:**	Inert Materials
Last Used Date:	9/1/1978	**Red Tag Issue Date:**	
Removed Date:		**Product Date:**	
Current Age:	57	**Fee Due:**	
Petroleum Use:			

Owner Summary

Owner No:	U0017510	**Owner Status:**	Current Owner
Owner Name:	Moody Bible Institute	**Purchase Date:**	1/1/1960

8	1 of 4	SSW	0.20 / 1,031.62	649.06 / 4	**Maurice Sporting Goods** **1825 Shermer Road** **Northbrook IL 60065**	ENG CONTROL

IEPA ID:	0312075339	**Longitude:**	-87.827408
US EPA ID:		**Latitude:**	42.119511
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	**Contact:**	Natalie Struble
Applicant Title:	Mr.	**Consultant Address:**	700 North Sacramento Boulevard
Applicant First Name:	Michael	**Consultant Address 2:**	Suite 101
Applicant Last Name:	Olshansky	**Consultant City:**	Chicago, IL
Applicant Address:	1910 Techny Road	**Consultant Zip Code:**	60612
Applicant Address 2:		**Project Manager:**	James Baldwin
Applicant City:	Northbrook, IL	**Received Sa Date:**	8/21/2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Applicant Zip Code: 60065 **4Y Letter Date:**
Applicant Company: OK I LLC - Maurice Sporting Goods
Consultant Company: Pioneer Environmental Services, LLC

Letters Information

Applicant First Name:	Michael	**Slab On Grade:**	Yes
Applicant Last Name:	Olshansky	**BCT:**	No
Applicant Address:	1910 Techny Road	**IC Inst Control Other:**	Yes
Applicant Address2:		**Building Slab:**	No
Applicant City:	Northbrook, IL	**Asphalt Used:**	No
Applicant Zip Code:	60065	**Concrete Used:**	No
Acres:	4.6	**Clean Soil 3ft:**	No
Grnd Wtr Restriction:	Yes	**Clean Soil 10:**	No
HWY Auth Agrmnt:	No	**Alternate Barrier:**	No
Ordinance:	No	**Other Barrier:**	No
Industrial Cmmrcial:	No	**ELUC Grndwtr Rstrct:**	No
Worker Caution:	Yes	**ELUC Other:**	No

Applicant Company: OK I LLC - Maurice Sporting Goods
NFR Site Name: Maurice Sporting Goods
NFR Letter Date: 11/13/2015
Effective: TRUE
NFR Recorded Date: 12/15/2015
Land Use: Residential or Industrial/Commercial
Comprehensive Focused: Comprehensive

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	2 of 4	SSW	0.20 / 1,031.62	649.06 / 4	**Maurice Sporting Goods** **1825 Shermer Road** **Northbrook IL 60065**	INST CONTROL

IEPA ID:	0312075339	**Longitude:**	-87.827408
US EPA ID:		**Latitude:**	42.119511
County:	Cook		

Site Applicant / Consultant Information

Applicant Title:	Mr.	**Received Sa Date:**	8/21/2015
Applicant First Name:	Michael	**Project Manager:**	James Baldwin
Applicant Last Name:	Olshansky	**4Y Letter Date:**	
Applicant Company:	OK I LLC - Maurice Sporting Goods	**Active Site:**	No
Applicant Address:	1910 Techny Road	**Consultant Address:**	700 North Sacramento Boulevard
Applicant Address 2:		**Consultant Address 2:**	Suite 101
Applicant City:	Northbrook, IL	**Consultant City:**	Chicago, IL
Applicant Zip Code:	60065	**Consultant Zip Code:**	60612
Contact:	Natalie Struble		
Consultant Company:	Pioneer Environmental Services, LLC		

Letters Information

NFR Site Name:	Maurice Sporting Goods	**Industrial Cmmrcial:**	No
NFR Letter Date:	11/13/2015	**Worker Caution:**	Yes
Effective:	TRUE	**Slab on Grade:**	Yes
NFR Recorded Date:	12/15/2015	**BCT:**	No
Cmprehnsve Focsd:	Comprehensive	**IC Inst Control Other:**	Yes
Applicant First Name:	Michael	**Building Slab:**	No
Applicant Last Name:	Olshansky	**Asphalt Used:**	No
Applicant Company:	OK I LLC - Maurice Sporting Goods	**Concrete Used:**	No
Applicant Address:	1910 Techny Road	**Clean Soil 3ft:**	No
Applicant Address2:		**Clean Soil 10:**	No
Applicant City:	Northbrook, IL	**Alternate Barrier:**	No
Applicant Zip Code:	60065	**Other Barrier:**	No
Acres:	4.6	**ELUC Other:**	No
Ordinance:	No		
ELUC Grndwater Use Restrict:	No		
Ground Water Use Restriction:	Yes		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Highway Authority Agreement: No
Land Use: Residential or Industrial/Commercial

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8 | **3 of 4** | **SSW** | **0.20 / 1,031.62** | **649.06 / 4** | **Maurice Sporting Goods, 1825 Shermer Road, Northbrook IL 60065** | **SRP**

IEPA ID: 0312075339
USEPA ID:
County: Cook
Longitude: -87.827408
Latitude: 42.119511

Site Applicant / Consultant Information

Active Site: No
Applicant Title: Mr.
Applicant First Name: Michael
Applicant Last Name: Olshansky
Applicant Address: 1910 Techny Road
Applicant Address 2:
Applicant City: Northbrook, IL
Applicant Zip Code: 60065
Applicant Company: OK I LLC - Maurice Sporting Goods
Consultant Company: Pioneer Environmental Services, LLC
Contact: Natalie Struble
Consultant Address: 700 North Sacramento Boulevard
Consultant Address 2: Suite 101
Consultant City: Chicago, IL
Consultant Zip Code: 60612
Project Manager: James Baldwin
Received Sa Date: 8/21/2015
4Y Letter Date:

Letter Information

Applicant First Name: Michael
Applicant Last Name: Olshansky
Applicant Address: 1910 Techny Road
Applicant Address2:
Applicant City: Northbrook, IL
Applicant Zip Code: 60065
Acres: 4.6
Grnd Wtr Restriction: Yes
HWY Auth Agrmnt: No
Ordinance: No
Industrial Cmmrcial: No
Worker Caution: Yes
Applicant Company: OK I LLC - Maurice Sporting Goods
NFR Site Name: Maurice Sporting Goods
NFR Letter Date: 11/13/2015
Effective: TRUE
NFR Recorded Date: 12/15/2015
Land Use: Residential or Industrial/Commercial
Comprehensive Focused: Comprehensive
Slab On Grade: Yes
BCT: No
IC Inst Control Other: Yes
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10: No
Alternate Barrier: No
Other Barrier: No
ELUC Grndwtr Rstrct: No
ELUC Other: No

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8 | **4 of 4** | **SSW** | **0.20 / 1,031.62** | **649.06 / 4** | **Maurice Sporting Goods, 1825 Shermer Rd., Northbrook IL 60065** | **UST**

Facility No: 2045915
Facility Status: Exempt
Facility Type: Industrial / Manufacturing
Motor Fuel Type:
Owner Type: Private
Owner Name: Maurice Sporting Goods
Owner Status: Current Owner / Operator
Owner Address: 1910 Techny Rd.Northbrook, IL 60065
Type Financial Resp:
Fin Resp Rpt Due:
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2045915
Green Tag Decal:
Green Tag Issue Date:
Green Tag Exp Dt:
Mtr Fuel Perm Insp Dt:
Mtr Fuel Perm Exp Dt:
Purchase Date:
County: Cook

Tank Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank No:	1	**Product:**	Heating Oil
Capacity:	6000	**CERCLA Substance:**	
Status:	Exempt from registration	**CAS Code:**	
Install Date:		**OSFM First Notify Dt:**	9/3/2015
Abandoned Date:		**Abandoned Material:**	
Last Used Date:	12/31/1973	**Red Tag Issue Date:**	
Removed Date:	7/8/2015	**Product Date:**	
Current Age:		**Fee Due:**	$0.00
Petroleum Use:			

Owner Summary

Owner No:	U0037837	**Owner Status:**	Current Owner / Operator
Owner Name:	Maurice Sporting Goods	**Purchase Date:**	

9	1 of 2	SSE	0.22 / 1,186.96	647.75 / 3	INK CO THE 1836 STANLEY ST NORTHBROOK IL 60062	RCRA NON GEN

EPA Handler ID:	ILD042079384
Land Type Code:	P
Land Type Desc:	Private
Federal Waste Generator Code:	N
Gen Status Univ Code:	N
Gen Status Univ Desc:	No Report
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Activity Location:	IL
County Code:	IL031
County Name:	COOK
Contact Name:	MIKE MORONEY
Contact Phone No and Ext:	312-272-7734
Contact Email:	
Contact Address:	1836 STANLEY ST , NORTHBROOK , IL, 60062 , US
Mailing Address:	1836 STANLEY ST , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind:	CP	**Country:**	
Name:	NAME NOT REPORTED	**Zip Code:**	99998
Street No:		**Phone:**	312-555-1212
Street 1:	ADDRESS NOT REPORTED	**Type:**	P
Street 2:		**Date Became Current:**	
City:	CITY NOT REPORTED	**Date Ended Current:**	
State:	AK		

Source Type: N

Owner/Operator Ind: CO
Name: INK CO
Street No:
Street 1: 1836 STANLEY ST
Street 2:
City: NORTHBROOK
State: IL
Source Type: N

Country:
Zip Code: 60062
Phone: 312-272-7734
Type: P
Date Became Current:
Date Ended Current:

Hazardous Waste Details

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: F006
Source Type: N
Code Type: F
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: K086
Source Type: N
Code Type: K
Waste Code Description: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

Handler Details

Source Type: N
Receive Date: 19800703
Non Notifier:
Acknowledge Flag:
Acknowledge Date:
Accessibility:
Land Type: P
Fed Waste Gen Own: HQ
Fed Waste Gen Cd: N
Fed Waste Gen Desc:
ST Waste Gen Own: IL
State Waste Gen Cd: S
Short Term Gen: No
Importer Activity: No
Mixed Waste Gen: No
Transporter: No
Transfer Facility: No
TSD Activity: No
Recycler Activity: No
Onsite Burn Exempt: No
Furnace Exemption: No
Underground Inject: No
Off Site Receipt: No
Waste Dest Fac: No
Subpart K College:
Subpart K Hospital:
Subpart K Non Profit:
Subpart K Withdraw:
Include Ntnl Rprt:

Used Oil Transporter: No
UO Transfer Fac: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
UO Market Burner: No
UO Spec Marketer: No
Current Site Name: INK CO THE
Location Street No:
Location Street 1: 1836 STANLEY ST
Location Street 2:
Location City: NORTHBROOK
Location State: IL
Location Zip Code: 60062
County Code: IL031
State District:
Mailing Street No:
Mailing Street 1: 1836 STANLEY ST
Mailing Street 2:
Mailing City: NORTHBROOK
Mailing State: IL
Mailing Zip Code: 60062
Mailing Country: US
Contact First Name:
Contact Middle Initial:
Contact Last Name:
Contact Street No:
Contact Street 1:
Contact Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Reporting Cycle:		Contact City:	
LQHUW:	No	Contact State:	
Trader Importer:		Contact Zip:	
Trader Exporter:		Contact Country:	US
Slab Importer:		Contact Phone:	
Slab Exporter:		Contact Phone Ext:	
Current Record:	No	Contact Fax:	
Location Country:	US	Contact Email Addr:	
State District Owner:		Contact Title:	

Handler Details

Source Type:	N	Used Oil Transporter:	No
Receive Date:	20010906	UO Transfer Fac:	No
Non Notifier:		Used Oil Processor:	No
Acknowledge Flag:		Used Oil Refiner:	No
Acknowledge Date:		Used Oil Burner:	No
Accessibility:		UO Market Burner:	No
Land Type:	P	UO Spec Marketer:	No
Fed Waste Gen Own:	HQ	Current Site Name:	INK CO THE
Fed Waste Gen Cd:	N	Location Street No:	
Fed Waste Gen Desc:		Location Street 1:	1836 STANLEY ST
ST Waste Gen Own:	IL	Location Street 2:	
State Waste Gen Cd:	S	Location City:	NORTHBROOK
Short Term Gen:	No	Location State:	IL
Importer Activity:	No	Location Zip Code:	60062
Mixed Waste Gen:	No	County Code:	IL031
Transporter:	No	State District:	
Transfer Facility:	No	Mailing Street No:	
TSD Activity:	No	Mailing Street 1:	1836 STANLEY ST
Recycler Activity:	No	Mailing Street 2:	
Onsite Burn Exempt:	No	Mailing City:	NORTHBROOK
Furnace Exemption:	No	Mailing State:	IL
Underground Inject:	No	Mailing Zip Code:	60062
Off Site Receipt:	No	Mailing Country:	US
Waste Dest Fac:	No	Contact First Name:	MIKE
Subpart K College:		Contact Middle Initial:	
Subpart K Hospital:		Contact Last Name:	MORONEY
Subpart K Non Profit:		Contact Street No:	
Subpart K Withdraw:		Contact Street 1:	1836 STANLEY ST
Include Ntnl Rprt:		Contact Street 2:	
Reporting Cycle:		Contact City:	NORTHBROOK
LQHUW:	No	Contact State:	IL
Trader Importer:		Contact Zip:	60062
Trader Exporter:		Contact Country:	US
Slab Importer:		Contact Phone:	312-272-7734
Slab Exporter:		Contact Phone Ext:	
Current Record:	Yes	Contact Fax:	
Location Country:	US	Contact Email Addr:	
State District Owner:		Contact Title:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	2 of 2	SSE	0.22 / 1,186.96	647.75 / 3	LUCTA USA INC 1829 STANLEY ST NORTHBROOK IL 60062	RCRA NON GEN

EPA Handler ID:	ILR000146555
Land Type Code:	P
Land Type Desc:	Private
Federal Waste Generator Code:	N
Gen Status Univ Code:	N
Gen Status Univ Desc:	No Report
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No

Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	-----
TSD Activity:	No
Corrective Action Univ:	No
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Activity Location:	IL
County Code:	IL031
County Name:	COOK
Contact Name:	AVILIO LISCANO
Contact Phone No and Ext:	847-272-6650
Contact Email:	
Contact Address:	US
Mailing Address:	1829 STANLEY ST , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind:	CP	***Country:***	
Name:	LUCTA USA INC	***Zip Code:***	
Street No:		***Phone:***	
Street 1:		***Type:***	P
Street 2:		***Date Became Current:***	20070502
City:		***Date Ended Current:***	
State:			
Source Type:	N		

Owner/Operator Ind:	CO	***Country:***	
Name:	LUCTA USA INC	***Zip Code:***	
Street No:		***Phone:***	
Street 1:		***Type:***	P
Street 2:		***Date Became Current:***	20070502
City:		***Date Ended Current:***	
State:			
Source Type:	N		

Owner/Operator Ind:	CP	***Country:***	
Name:	LUCTA USA INC	***Zip Code:***	
Street No:		***Phone:***	
Street 1:		***Type:***	P
Street 2:		***Date Became Current:***	20070502
City:		***Date Ended Current:***	
State:			
Source Type:	I		

Owner/Operator Ind:	CO	***Country:***	
Name:	LUCTA USA INC	***Zip Code:***	
Street No:		***Phone:***	
Street 1:		***Type:***	P
Street 2:		***Date Became Current:***	20070502
City:		***Date Ended Current:***	
State:			
Source Type:	I		

NAICS Details

Source Type:	N
NAICS Code Owner:	HQ
NAICS Code:	11111
NAICS Description:	
NAICS Active Status:	
NAICS Cycle:	

Source Type:	I
NAICS Code Owner:	HQ
NAICS Code:	11111
NAICS Description:	
NAICS Active Status:	
NAICS Cycle:	

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	20070502	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	LUCTA USA INC
Fed Waste Gen Cd:	2	***Location Street No:***	
Fed Waste Gen Desc:	Small Quantity Generator	***Location Street 1:***	1829 STANLEY ST
ST Waste Gen Own:	IL	***Location Street 2:***	
State Waste Gen Cd:	S	***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1829 STANLEY ST
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	AVILIO
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	LISCANO
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	
LQHUW:	No	***Contact State:***	
Trader Importer:		***Contact Zip:***	
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	847-272-6650
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	I	***Used Oil Transporter:***	No
Receive Date:	20091208	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	LUCTA USA INC
Fed Waste Gen Cd:	N	***Location Street No:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fed Waste Gen Desc:		**Location Street 1:**	1829 STANLEY ST
ST Waste Gen Own:		**Location Street 2:**	
State Waste Gen Cd:		**Location City:**	NORTHBROOK
Short Term Gen:	No	**Location State:**	IL
Importer Activity:	No	**Location Zip Code:**	60062
Mixed Waste Gen:	No	**County Code:**	IL031
Transporter:	No	**State District:**	
Transfer Facility:	No	**Mailing Street No:**	
TSD Activity:	No	**Mailing Street 1:**	1829 STANLEY ST
Recycler Activity:	No	**Mailing Street 2:**	
Onsite Burn Exempt:	No	**Mailing City:**	NORTHBROOK
Furnace Exemption:	No	**Mailing State:**	IL
Underground Inject:	No	**Mailing Zip Code:**	60062
Off Site Receipt:	No	**Mailing Country:**	US
Waste Dest Fac:	No	**Contact First Name:**	AVILIO
Subpart K College:		**Contact Middle Initial:**	
Subpart K Hospital:		**Contact Last Name:**	LISCANO
Subpart K Non Profit:		**Contact Street No:**	
Subpart K Withdraw:		**Contact Street 1:**	
Include Ntnl Rprt:		**Contact Street 2:**	
Reporting Cycle:		**Contact City:**	
LQHUW:	No	**Contact State:**	
Trader Importer:		**Contact Zip:**	
Trader Exporter:		**Contact Country:**	US
Slab Importer:		**Contact Phone:**	847-272-6650
Slab Exporter:		**Contact Phone Ext:**	
Current Record:	Yes	**Contact Fax:**	
Location Country:	US	**Contact Email Addr:**	
State District Owner:		**Contact Title:**	

Violation/Evaluation Details

Evaluation ID:	MD1	**Former Citation:**	
Eval Start Date:	20091208	**Sched Compl Dt:**	
Evaluation Agency:	S	**Enforcement ID:**	
Evaluation Type:	FCI	**Enforcement Agency:**	
Eval Resp Person:	MSR	**Enforce Action Dt:**	
Eval Suborg:	F2	**Enforcement Type:**	
Found Violation:	N	**Enforce Type Desc:**	
Citizen Complaint:	No	**Enforce Resp Person:**	
Multimedia Inspect:	No	**Enforce Suborg:**	
Sampling Flag:	No	**Enforce Actvty Loc:**	
Not Subtitle C:	No	**Docket No:**	
Focus Area:	ISI	**Attorney:**	
Focus Area Desc:	INACTIVE SITE INSPECTION	**Corr Act Component:**	
Handler Actvty Loc:	IL	**Appeal Init Dt:**	
Handler Name:	LUCTA USA INC	**Appeal Resolved Dt:**	
Region:	05	**Disposition Status:**	
State:	IL	**Disp Status Dt:**	
Land Type:	P	**Disp Status Desc:**	
Date of Request:		**Lead Agency:**	
Date Response Rcvd:		**Expenditure Amount:**	
Request Agency:		**SEP Sched Comp Dt:**	
Request Actvty Loc:		**SEP Actual Comp Dt:**	
Viol Activity Loc:		**SEP Defaulted Dt:**	
Viol Determined:		**SEP Type:**	
Violation Type:		**Prop Penalty Amt:**	
Viol Determined Dt:		**Final Monetary Amt:**	
Rtrn to Compl Dt:		**Paid Amount:**	
Rtrn to Compl Qual:		**Final Count:**	
Viol Resp Agency:		**Final Amount:**	
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION		
Violation Short Description:			
Respondent Name:			
SEP Type Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 5	S	0.23 / 1,207.00	649.21 / 4	DEUBLIN COMPANY 1919 STANLEY STREET NORTHBROOK IL 60062	CERCLIS

Site ID: 0507256
Site EPA ID: ILD005180195
Site Street Address 2:
Site County Name: COOK
Site FIPS Code: 17031
Region Code: 05
Site SMSA No.: 1600
Site Prim. Latitude: +42.126667
Site Prim. Longitude: -087.826667
Lat Long Source:
RNON NPL Status Desc: Deferred to RCRA

RNPL Status Code: N
NPL Status: Not on the NPL
RFED Facility Code: N
RFED Facility Desc: Not a Federal Facility
USGS Hydro Unit No.: 07120003
Site Cong. Dist. Code: 09
ROT Desc: Unknown
FR NPL Update No.:
RFRA Code:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: DS
RAT Short Name: DISCVRY
RAT Name: DISCOVERY
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:

RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 2/1/1993 00:00:00
AGT Order No.: 10
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: VS
RAT Short Name: ARCH SITE
RAT Name: ARCHIVE SITE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code:
SPA Code: 13
RAT Def: The decision is made that no further activity is planned at the site.
Site Desc:
Site Alias:

RALT Short Name: EPA In-House
Act Start Date:
Act Complete Date: 12/1/1995 00:00:00
AGT Order No.: 1500
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID:
RAT Code:
RAT Short Name:
RAT Name:
RAT Hist. Only Flag:
RAT NSI Indicator:
RAT Level:
RAT DEF OU:
RFBS Code:
SPA Code:
RAT Def:
Site Desc: No description available

RALT Short Name:
Act Start Date:
Act Complete Date:
AGT Order No.: 0
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Alias: DUBLIN CO,,,,;

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	PA	**Act Complete Date:**	3/12/1993 00:00:00
RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	2 of 5	S	0.23 / 1,207.00	649.21 / 4	DEUBLIN COMPANY 1919 STANLEY STREET NORTHBROOK IL 60062	CERCLIS NFRAP

Site ID:	507256	**Site FIPS Code:**	17031
Site EPA ID:	ILD005180195	**Region Code:**	5
Site Parent ID:		**Site Cong. Dist. Code:**	9
Site County Name:	COOK	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	3/12/1993
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	Deferred to RCRA
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: Deferred to RCRA

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	2/1/1993
RAT Code:	DS	**AGT Order No.:**	10
RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RNON NPL Status Desc: Deferred to RCRA

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	12/1/1995
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N

RAT Def: The decision is made that no further activity is planned at the site.
RNON NPL Status Desc: Deferred to RCRA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	3 of 5	S	0.23 / 1,207.00	649.21 / 4	DUBLIN CO 1919 STANLEY ST NORTHBROOK IL 60062	RCRA CORRACTS

EPA Handler ID: ILD005180195
Land Type Code: P
Land Type Desc: Private
Federal Waste Generator Code: N
Gen Status Univ Code: N
Gen Status Univ Desc: No Report
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Recycler Activity: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Inject Activity: No
Receives Waste from Offsite: No
TSD Type: ---S-
TSD Activity: Yes
Corrective Action Univ: Yes
Action has been Imposed: No
Action under 3004 (U)/(V): No
Institutional Control Indicator: N
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No
Activity Location: IL
County Code: IL031
County Name: COOK
Contact Name: ENV COORDINATOR
Contact Phone No and Exten: 847-272-6060
Contact Email:
Contact Address: US
Mailing Address: 1919 STANLEY ST , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind:	CP	**Country:**	
Name:	NAME NOT REPORTED	**Zip Code:**	99998
Street No:		**Phone:**	312-555-1212

Street 1:	ADDRESS NOT REPORTED	***Type:***	P
Street 2:		***Date Became Current:***	
City:	CITY NOT REPORTED	***Date Ended Current:***	
State:	AK		
Source Type:	A		
Owner/Operator Ind:	CO	***Country:***	
Name:	NAME NOT REPORTED	***Zip Code:***	99998
Street No:		***Phone:***	312-555-1212
Street 1:	ADDRESS NOT REPORTED	***Type:***	P
Street 2:		***Date Became Current:***	
City:	CITY NOT REPORTED	***Date Ended Current:***	
State:	AK		
Source Type:	N		

Hazardous Waste Details

Hazardous Waste Code Owner:	HQ
Hazardous Waste Code:	U226
Source Type:	N
Code Type:	U
Waste Code Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Handler Details

Source Type:	B	***Used Oil Transporter:***	No
Receive Date:	20071101	***UT Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DUBLIN CO
Fed Waste Gen Cd:	N	***Location Street No:***	
Fed Waste Gen Desc:		***Location Street 1:***	1919 STANLEY ST
ST Waste Gen Own:	IL	***Location Street 2:***	
State Waste Gen Cd:	S	***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1919 STANLEY ST
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	ENV
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	COORDINATOR
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	
Include Ntnl Rprt:	N	***Contact Street 2:***	
Reporting Cycle:	2006	***Contact City:***	
LQHUW:	No	***Contact State:***	
Trader Importer:		***Contact Zip:***	
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	847-272-6060
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	Yes	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	A	***Used Oil Transporter:***	No
Receive Date:	19801008	***UT Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:		***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DUBLIN CO
Fed Waste Gen Cd:	N	***Location Street No:***	
Fed Waste Gen Desc:		***Location Street 1:***	1919 STANLEY ST
ST Waste Gen Own:	IL	***Location Street 2:***	
State Waste Gen Cd:	S	***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1919 STANLEY ST
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	JACK
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	FALL
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	1919 STANLEY ST
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	NORTHBROOK
LQHUW:	No	***Contact State:***	IL
Trader Importer:		***Contact Zip:***	60062
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	312-272-6060
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19800826	***UT Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:		***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DUBLIN CO
Fed Waste Gen Cd:	1	***Location Street No:***	
Fed Waste Gen Desc:	Large Quantity Generator	***Location Street 1:***	1919 STANLEY ST
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1919 STANLEY ST
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US

Waste Dest Fac:	No	***Contact First Name:***	JACK
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	FALL
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	1919 STANLEY ST
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	NORTHBROOK
LQHUW:	No	***Contact State:***	IL
Trader Importer:		***Contact Zip:***	60062
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	312-272-6060
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880311
Evaluation Agency:	S	***Enforcement ID:***	001
Evaluation Type:	CEI	***Enforcement Agency:***	S
Eval Resp Person:		***Enforce Action Dt:***	19880209
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19880623	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	002	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880505
Evaluation Agency:	E	***Enforcement ID:***	005
Evaluation Type:	FCI	***Enforcement Agency:***	E
Eval Resp Person:		***Enforce Action Dt:***	19880405
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:	V3	***Attorney:***	

Focus Area Desc:	CONVERTED FROM V2 RCRAINFO	***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Date:***	
Viol Determined:	E	***SEP Type:***	
Violation Type:	268.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19880809	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	E	***Final Amount:***	
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION		
Violation Short Description:	LDR - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	003	***Former Citation:***	
Eval Start Date:	19890120	***Sched Compl Dt:***	
Evaluation Agency:	S	***Enforcement ID:***	
Evaluation Type:	CEI	***Enforcement Agency:***	
Eval Resp Person:		***Enforce Action Dt:***	
Eval Suborg:		***Enforcement Type:***	
Found Violation:	N	***Enforce Type Desc:***	
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:		***SEP Defaulted Date:***	
Viol Determined:		***SEP Type:***	
Violation Type:		***Prop Pentalty Amt:***	
Viol Determined Dt:		***Final Monetary Amt:***	
Rtrn to Compl Dt:		***Paid Amount:***	
Rtrn to Compl Qual:		***Final Count:***	
Viol Resp Agency:		***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:			
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880311
Evaluation Agency:	S	***Enforcement ID:***	001
Evaluation Type:	CEI	***Enforcement Agency:***	S
Eval Resp Person:		***Enforce Action Dt:***	19880209
Eval Suborg:		***Enforcement Type:***	120

Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19880425	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880311
Evaluation Agency:	S	***Enforcement ID:***	001
Evaluation Type:	CEI	***Enforcement Agency:***	S
Eval Resp Person:		***Enforce Action Dt:***	19880209
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Date:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Pentalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19890303	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Event

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Event Responsible Agency:	E
Corrective Action Event Owner:	HQ
Corrective Action Event Code:	CA075LO
Corrective Action Event Desc:	CA PRIORITIZATION-LOW CA PRIORITY
Orig Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19930331
Best Date:	19930331
Responsible Person Owner:	
Responsible Person:	
Suborganization Owner:	
Suborganization:	

Event

Event Responsible Agency:	E
Corrective Action Event Owner:	HQ
Corrective Action Event Code:	CA070NO
Corrective Action Event Desc:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Orig Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20090501
Best Date:	20090501
Responsible Person Owner:	05
Responsible Person:	GJH
Suborganization Owner:	
Suborganization:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	4 of 5	S	0.23 / 1,207.00	649.21 / 4	DUBLIN CO 1919 STANLEY ST NORTHBROOK IL 60062	RCRA NON GEN

EPA Handler ID:	ILD005180195
Land Type Code:	P
Land Type Desc:	Private
Federal Waste Generator Code:	N
Gen Status Univ Code:	N
Gen Status Univ Desc:	No Report
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Receives Waste from Offsite:	No
TSD Type:	---S-
TSD Activity:	Yes
Corrective Action Univ:	Yes
Action has been Imposed:	No
Action under 3004 (U)/(V):	No
Institutional Control Indicator:	N
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Activity Location:	IL
County Code:	IL031
County Name:	COOK
Contact Name:	ENV COORDINATOR
Contact Phone No and Ext:	847-272-6060
Contact Email:	

Contact Address: US
Mailing Address: 1919 STANLEY ST , NORTHBROOK , IL, 60062 , US

Owner/Operator Details

Owner/Operator Ind: CP
Name: NAME NOT REPORTED
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Source Type: A
Country:
Zip Code: 99998
Phone: 312-555-1212
Type: P
Date Became Current:
Date Ended Current:

Owner/Operator Ind: CO
Name: NAME NOT REPORTED
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Source Type: N
Country:
Zip Code: 99998
Phone: 312-555-1212
Type: P
Date Became Current:
Date Ended Current:

Hazardous Waste Details

Hazardous Waste Code Owner: HQ
Hazardous Waste Code: U226
Source Type: N
Code Type: U
Waste Code Description: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

Handler Details

Source Type: A
Receive Date: 19801008
Non Notifier:
Acknowledge Flag:
Acknowledge Date:
Accessibility:
Land Type:
Fed Waste Gen Own: HQ
Fed Waste Gen Cd: N
Fed Waste Gen Desc:
ST Waste Gen Own: IL
State Waste Gen Cd: S
Short Term Gen: No
Importer Activity: No
Mixed Waste Gen: No
Transporter: No
Transfer Facility: No
TSD Activity: No
Recycler Activity: No
Onsite Burn Exempt: No
Furnace Exemption: No
Underground Inject: No
Off Site Receipt: No
Waste Dest Fac: No
Subpart K College:
Subpart K Hospital:
Subpart K Non Profit:
Subpart K Withdraw:
Include Ntnl Rprt:
Reporting Cycle:
Used Oil Transporter: No
UO Transfer Fac: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
UO Market Burner: No
UO Spec Marketer: No
Current Site Name: DUBLIN CO
Location Street No:
Location Street 1: 1919 STANLEY ST
Location Street 2:
Location City: NORTHBROOK
Location State: IL
Location Zip Code: 60062
County Code: IL031
State District:
Mailing Street No:
Mailing Street 1: 1919 STANLEY ST
Mailing Street 2:
Mailing City: NORTHBROOK
Mailing State: IL
Mailing Zip Code: 60062
Mailing Country: US
Contact First Name: JACK
Contact Middle Initial:
Contact Last Name: FALL
Contact Street No:
Contact Street 1: 1919 STANLEY ST
Contact Street 2:
Contact City: NORTHBROOK

LQHUW:	No	***Contact State:***	IL
Trader Importer:		***Contact Zip:***	60062
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	312-272-6060
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	B	***Used Oil Transporter:***	No
Receive Date:	20071101	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:	P	***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DUBLIN CO
Fed Waste Gen Cd:	N	***Location Street No:***	
Fed Waste Gen Desc:		***Location Street 1:***	1919 STANLEY ST
ST Waste Gen Own:	IL	***Location Street 2:***	
State Waste Gen Cd:	S	***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062
Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1919 STANLEY ST
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	ENV
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	COORDINATOR
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	
Include Ntnl Rprt:	N	***Contact Street 2:***	
Reporting Cycle:	2006	***Contact City:***	
LQHUW:	No	***Contact State:***	
Trader Importer:		***Contact Zip:***	
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	847-272-6060
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	Yes	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Handler Details

Source Type:	N	***Used Oil Transporter:***	No
Receive Date:	19800826	***UO Transfer Fac:***	No
Non Notifier:		***Used Oil Processor:***	No
Acknowledge Flag:		***Used Oil Refiner:***	No
Acknowledge Date:		***Used Oil Burner:***	No
Accessibility:		***UO Market Burner:***	No
Land Type:		***UO Spec Marketer:***	No
Fed Waste Gen Own:	HQ	***Current Site Name:***	DUBLIN CO
Fed Waste Gen Cd:	1	***Location Street No:***	
Fed Waste Gen Desc:	Large Quantity Generator	***Location Street 1:***	1919 STANLEY ST
ST Waste Gen Own:		***Location Street 2:***	
State Waste Gen Cd:		***Location City:***	NORTHBROOK
Short Term Gen:	No	***Location State:***	IL
Importer Activity:	No	***Location Zip Code:***	60062

Mixed Waste Gen:	No	***County Code:***	IL031
Transporter:	No	***State District:***	
Transfer Facility:	No	***Mailing Street No:***	
TSD Activity:	No	***Mailing Street 1:***	1919 STANLEY ST
Recycler Activity:	No	***Mailing Street 2:***	
Onsite Burn Exempt:	No	***Mailing City:***	NORTHBROOK
Furnace Exemption:	No	***Mailing State:***	IL
Underground Inject:	No	***Mailing Zip Code:***	60062
Off Site Receipt:	No	***Mailing Country:***	US
Waste Dest Fac:	No	***Contact First Name:***	JACK
Subpart K College:		***Contact Middle Initial:***	
Subpart K Hospital:		***Contact Last Name:***	FALL
Subpart K Non Profit:		***Contact Street No:***	
Subpart K Withdraw:		***Contact Street 1:***	1919 STANLEY ST
Include Ntnl Rprt:		***Contact Street 2:***	
Reporting Cycle:		***Contact City:***	NORTHBROOK
LQHUW:	No	***Contact State:***	IL
Trader Importer:		***Contact Zip:***	60062
Trader Exporter:		***Contact Country:***	US
Slab Importer:		***Contact Phone:***	312-272-6060
Slab Exporter:		***Contact Phone Ext:***	
Current Record:	No	***Contact Fax:***	
Location Country:	US	***Contact Email Addr:***	
State District Owner:		***Contact Title:***	

Violation/Evaluation Details

Evaluation ID:	002	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880505
Evaluation Agency:	E	***Enforcement ID:***	005
Evaluation Type:	FCI	***Enforcement Agency:***	E
Eval Resp Person:		***Enforce Action Dt:***	19880405
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:	V3	***Attorney:***	
Focus Area Desc:	CONVERTED FROM V2 RCRAINFO	***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Dt:***	
Viol Determined:	E	***SEP Type:***	
Violation Type:	268.A	***Prop Penalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19880809	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	E	***Final Amount:***	
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION		
Violation Short Description:	LDR - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880311
Evaluation Agency:	S	***Enforcement ID:***	001

Evaluation Type:	CEI	***Enforcement Agency:***	S
Eval Resp Person:		***Enforce Action Dt:***	19880209
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Dt:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Penalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19880425	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	003	***Former Citation:***	
Eval Start Date:	19890120	***Sched Compl Dt:***	
Evaluation Agency:	S	***Enforcement ID:***	
Evaluation Type:	CEI	***Enforcement Agency:***	
Eval Resp Person:		***Enforce Action Dt:***	
Eval Suborg:		***Enforcement Type:***	
Found Violation:	N	***Enforce Type Desc:***	
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:		***SEP Defaulted Dt:***	
Viol Determined:		***SEP Type:***	
Violation Type:		***Prop Penalty Amt:***	
Viol Determined Dt:		***Final Monetary Amt:***	
Rtrn to Compl Dt:		***Paid Amount:***	
Rtrn to Compl Qual:		***Final Count:***	
Viol Resp Agency:		***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:			
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880311
Evaluation Agency:	S	***Enforcement ID:***	001
Evaluation Type:	CEI	***Enforcement Agency:***	S
Eval Resp Person:		***Enforce Action Dt:***	19880209
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Dt:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Penalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19890303	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	
Viol Resp Agency:	S	***Final Amount:***	
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE		
Violation Short Description:	Generators - General		
Respondent Name:			
SEP Type Description:			

Violation/Evaluation Details

Evaluation ID:	001	***Former Citation:***	
Eval Start Date:	19871218	***Sched Compl Dt:***	19880311
Evaluation Agency:	S	***Enforcement ID:***	001
Evaluation Type:	CEI	***Enforcement Agency:***	S
Eval Resp Person:		***Enforce Action Dt:***	19880209
Eval Suborg:		***Enforcement Type:***	120
Found Violation:	Y	***Enforce Type Desc:***	WRITTEN INFORMAL
Citizen Complaint:	No	***Enforce Resp Person:***	
Multimedia Inspect:	No	***Enforce Suborg:***	
Sampling Flag:	No	***Enforce Actvty Loc:***	IL
Not Subtitle C:	No	***Docket No:***	
Focus Area:		***Attorney:***	
Focus Area Desc:		***Corr Act Component:***	No
Handler Actvty Loc:	IL	***Appeal Init Dt:***	
Handler Name:	DUBLIN CO	***Appeal Resolved Dt:***	
Region:	05	***Disposition Status:***	
State:	IL	***Disp Status Dt:***	
Land Type:	P	***Disp Status Desc:***	
Date of Request:		***Lead Agency:***	
Date Response Rcvd:		***Expenditure Amount:***	
Request Agency:		***SEP Sched Comp Dt:***	
Request Actvty Loc:		***SEP Actual Comp Dt:***	
Viol Activity Loc:	IL	***SEP Defaulted Dt:***	
Viol Determined:	S	***SEP Type:***	
Violation Type:	262.A	***Prop Penalty Amt:***	
Viol Determined Dt:	19871218	***Final Monetary Amt:***	
Rtrn to Compl Dt:	19880623	***Paid Amount:***	
Rtrn to Compl Qual:	O	***Final Count:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Viol Resp Agency: S
Final Amount:
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Respondent Name:
SEP Type Description:

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10 | 5 of 5 | S | 0.23 / 1,207.00 | 649.21 / 4 | DEUBLIN COMPANY, 1919 STANLEY STREET, NORTHBROOK IL 60062 | SEMS ARCHIVE

Site ID: 0507256
EPA ID: ILD005180195
NPL: Not on the NPL
Federal Facility: No
Non NPL Status: Deferred to RCRA (Subtitle C)
FIPS Code: 17031
Cong District: 09
County: COOK
Region: 05

Action Information

Operable Units: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Actual: 2/1/1993
Finish Actual: 2/1/1993
Qual:
Curr Action Lead: EPA Perf

Operable Units: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Actual:
Finish Actual: 3/12/1993
Qual: D
Curr Action Lead: EPA Perf

Operable Units: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Actual:
Finish Actual: 12/1/1995
Qual:
Curr Action Lead: EPA Perf In-Hse

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11 | 1 of 1 | NNW | 0.25 / 1,320.10 | 644.81 / 0 | Illinois Bell Telephone, 2029 Walter Ave., Northbrook IL 60062 | LUST

Incident No: 910062
BL ID: 0312075114
Rpt Rec 20: 2/29/1992 12:00:00 AM
IEMA Date: 1/8/1991 12:00:00 AM
Gasoline: True
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Project Manager: Irwin
Site Class:
Primary Resp Party Name: Illinois Bell Telephone
Primary Resp Party Address: 900 North Villa
Primary Resp Party City: Villa Park
Primary Resp Party State: IL
Primary Resp Party Zip: 60181
Primary Resp Party Phone:
Primary Resp Party Contact: Thomas Scheer
Sec 57: 731
Non Lust:
Rpt Rec 45: 2/29/1992 12:00:00 AM
Sec 57 5g:
NFR NFA Date: 3/14/1991 12:00:00 AM
NFR Recorded:
Pre 74 Date:
FPD Date:
NFR Recission:
NFR Voided:
Phone:
County: Cook
First Name: Russ
Email:

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12 | 1 of 1 | NNE | 0.28 / 1,501.69 | 635.35 / -10 | Northbrook Medical Ctr. Bldg., 1775 Walters St., Northbrook IL 60062 | LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Incident No:	903418	**Sec 57:**	731		
BL ID:	0312075119	**Non Lust:**			
Rpt Rec 20:	2/29/1992 12:00:00 AM	**Rpt Rec 45:**	2/29/1992 12:00:00 AM		
IEMA Date:	11/16/1990 12:00:00 AM	**Sec 57 5g:**			
Gasoline:	False	**NFR NFA Date:**	4/2/1991 12:00:00 AM		
Unleaded:	False	**NFR Recorded:**			
Diesel:	False	**Pre 74 Date:**			
Fuel Oil:	True	**FPD Date:**			
Jet Fuel:	False	**NFR Recission:**			
Used Oil:	False	**NFR Voided:**			
Non Petroleum Prod:	False	**Phone:**			
Other Petroleum:	False	**County:**	Cook		
Project Manager:	Irwin	**First Name:**	Russ		
Site Class:		**Email:**			
Primary Resp Party Name:	Northbrook Medical Ctr. Bldg.				
Primary Resp Party Address:	1775 Walters St.				
Primary Resp Party City:	Northbrook				
Primary Resp Party State:	IL				
Primary Resp Party Zip:	60062				
Primary Resp Party Phone:					
Primary Resp Party Contact:	Dr. Anderson				

13	*1 of 1*	*N*	*0.29 / 1,530.91*	*645.76 / 1*	***Northbrook Venture LLC 1366 Shermer Rd. Northbrook IL 60062***	***LUST***

Incident No:	992462	**Sec 57:**	732		
BL ID:	0312075265	**Non Lust:**			
Rpt Rec 20:		**Rpt Rec 45:**			
IEMA Date:	11/1/1999 12:00:00 AM	**Sec 57 5g:**	9/1/2000 12:00:00 AM		
Gasoline:	False	**NFR NFA Date:**			
Unleaded:	False	**NFR Recorded:**			
Diesel:	False	**Pre 74 Date:**			
Fuel Oil:	False	**FPD Date:**			
Jet Fuel:	False	**NFR Recission:**			
Used Oil:	False	**NFR Voided:**			
Non Petroleum Prod:	False	**Phone:**			
Other Petroleum:	True	**County:**	Cook		
Project Manager:	Gaydosh	**First Name:**	Jay		
Site Class:		**Email:**			
Primary Resp Party Name:	Northbrook Venture LLC				
Primary Resp Party Address:	778 Frontage Rd., Suite 109				
Primary Resp Party City:	Northfield				
Primary Resp Party State:	IL				
Primary Resp Party Zip:	60093				
Primary Resp Party Phone:	3126543957				
Primary Resp Party Contact:	Judy Betush				

14	*1 of 3*	*SE*	*0.31 / 1,657.73*	*641.72 / -3*	***Anets, Inc. 180 North Anets Drive Northbrook IL 60062***	***ENG CONTROL***

IEPA ID:	0312070003	**Longitude:**	-87.823419
US EPA ID:	ILD068458827	**Latitude:**	42.118776
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	**Contact:**	Edward J. Cooney, P.E.
Applicant Title:	Ms.	**Consultant Address:**	359 East Webster Avenue
Applicant First Name:	Molly	**Consultant Address 2:**	
Applicant Last Name:	Hamer	**Consultant City:**	Elmhurst, IL
Applicant Address:	545 Academy Drive	**Consultant Zip Code:**	60126

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Applicant Address 2:		**Project Manager:**	Todd Hall
Applicant City:	Northbrook, IL	**Received Sa Date:**	1/17/2012
Applicant Zip Code:	60062-2426	**4Y Letter Date:**	
Applicant Company:	Northbrook Park District		
Consultant Company:	E. Cooney Associates, Inc.		

Letters Information

Applicant First Name:	Molly	**Slab On Grade:**	Yes
Applicant Last Name:	Hamer	**BCT:**	No
Applicant Address:	545 Academy Drive	**IC Inst Control Other:**	No
Applicant Address2:		**Building Slab:**	No
Applicant City:	Northbrook, IL	**Asphalt Used:**	No
Applicant Zip Code:	60062-2426	**Concrete Used:**	No
Acres:	6	**Clean Soil 3ft:**	No
Grnd Wtr Restriction:	Yes	**Clean Soil 10:**	No
HWY Auth Agrmnt:	No	**Alternate Barrier:**	No
Ordinance:	No	**Other Barrier:**	No
Industrial Cmmrcial:	No	**ELUC Grndwtr Rstrct:**	No
Worker Caution:	No	**ELUC Other:**	No
Applicant Company:	Northbrook Park District		
NFR Site Name:	Anets, Inc.		
NFR Letter Date:	1/24/2017		
Effective:	TRUE		
NFR Recorded Date:	2/9/2017		
Land Use:	Residential or Industrial/Commercial		
Comprehensive Focused:	Comprehensive		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	2 of 3	SE	0.31 / 1,657.73	641.72 / -3	**Anets, Inc.** **180 North Anets Drive** **Northbrook IL 60062**	INST CONTROL

IEPA ID:	0312070003	**Longitude:**	-87.823419
US EPA ID:	ILD068458827	**Latitude:**	42.118776
County:	Cook		

Site Applicant / Consultant Information

Applicant Title:	Ms.	**Received Sa Date:**	1/17/2012
Applicant First Name:	Molly	**Project Manager:**	Todd Hall
Applicant Last Name:	Hamer	**4Y Letter Date:**	
Applicant Company:	Northbrook Park District	**Active Site:**	No
Applicant Address:	545 Academy Drive	**Consultant Address:**	359 East Webster Avenue
Applicant Address 2:		**Consultant Address 2:**	
Applicant City:	Northbrook, IL	**Consultant City:**	Elmhurst, IL
Applicant Zip Code:	60062-2426	**Consultant Zip Code:**	60126
Contact:	Edward J. Cooney, P.E.		
Consultant Company:	E. Cooney Associates, Inc.		

Letters Information

NFR Site Name:	Anets, Inc.	**Industrial Cmmrcial:**	No
NFR Letter Date:	1/24/2017	**Worker Caution:**	No
Effective:	TRUE	**Slab on Grade:**	Yes
NFR Recorded Date:	2/9/2017	**BCT:**	No
Cmprehnsve Focsd:	Comprehensive	**IC Inst Control Other:**	No
Applicant First Name:	Molly	**Building Slab:**	No
Applicant Last Name:	Hamer	**Asphalt Used:**	No
Applicant Company:	Northbrook Park District	**Concrete Used:**	No
Applicant Address:	545 Academy Drive	**Clean Soil 3ft:**	No
Applicant Address2:		**Clean Soil 10:**	No
Applicant City:	Northbrook, IL	**Alternate Barrier:**	No
Applicant Zip Code:	60062-2426	**Other Barrier:**	No
Acres:	6	**ELUC Other:**	No
Ordinance:	No		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ELUC Grndwater Use Restrict: No
Ground Water Use Restriction: Yes
Highway Authority Agreement: No
Land Use: Residential or Industrial/Commercial

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14 | **3 of 3** | **SE** | **0.31 / 1,657.73** | **641.72 / -3** | **Anets, Inc.**
180 North Anets Drive
Northbrook IL 60062 | **SRP**

IEPA ID: 0312070003
USEPA ID: ILD068458827
County: Cook
Longitude: -87.823419
Latitude: 42.118776

Site Applicant / Consultant Information

Active Site: No
Applicant Title: Ms.
Applicant First Name: Molly
Applicant Last Name: Hamer
Applicant Address: 545 Academy Drive
Applicant Address 2:
Applicant City: Northbrook, IL
Applicant Zip Code: 60062-2426
Applicant Company: Northbrook Park District
Consultant Company: E. Cooney Associates, Inc.
Contact: Edward J. Cooney, P.E.
Consultant Address: 359 East Webster Avenue
Consultant Address 2:
Consultant City: Elmhurst, IL
Consultant Zip Code: 60126
Project Manager: Todd Hall
Received Sa Date: 1/17/2012
4Y Letter Date:

Letter Information

Applicant First Name: Molly
Applicant Last Name: Hamer
Applicant Address: 545 Academy Drive
Applicant Address2:
Applicant City: Northbrook, IL
Applicant Zip Code: 60062-2426
Acres: 6
Grnd Wtr Restriction: Yes
HWY Auth Agrmnt: No
Ordinance: No
Industrial Cmmrcial: No
Worker Caution: No
Applicant Company: Northbrook Park District
NFR Site Name: Anets, Inc.
NFR Letter Date: 1/24/2017
Effective: TRUE
NFR Recorded Date: 2/9/2017
Land Use: Residential or Industrial/Commercial
Comprehensive Focused: Comprehensive
Slab On Grade: Yes
BCT: No
IC Inst Control Other: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil 3ft: No
Clean Soil 10: No
Alternate Barrier: No
Other Barrier: No
ELUC Grndwtr Rstrct: No
ELUC Other: No

---

15 | **1 of 8** | **N** | **0.32 / 1,681.00** | **645.74 / 1** | **Northbrook Garage**
1347 Shermer Road
Northbrook IL 60062 | **ENG CONTROL**

IEPA ID: 0312075069
US EPA ID: ILD025690694
County: Cook
Longitude: -87.827269
Latitude: 42.127965

Site Applicant / Consultant Information

Active Site: No
Applicant Title: Mr.
Applicant First Name: Joshua
Applicant Last Name: Silverglade
Applicant Address: 350 West Hubbard Street
Applicant Address 2: Suite 222
Contact: Mark Santangelo
Consultant Address: 700 North Sacramento Boulevard
Consultant Address 2: Suite 101
Consultant City: Chicago, IL
Consultant Zip Code: 60612
Project Manager: Max Twum

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Applicant City:	Chicago, IL	**Received Sa Date:**	8/4/2010
Applicant Zip Code:	60610	**4Y Letter Date:**	
Applicant Company:	TEF Shermer LLC		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letters Information

Applicant First Name:	Joshua	**Slab On Grade:**	No
Applicant Last Name:	Silverglade	**BCT:**	No
Applicant Address:	350 West Hubbard Street	**IC Inst Control Other:**	No
Applicant Address2:	Suite 222	**Building Slab:**	No
Applicant City:	Chicago, IL	**Asphalt Used:**	No
Applicant Zip Code:	60610	**Concrete Used:**	Yes
Acres:	0.46	**Clean Soil 3ft:**	No
Grnd Wtr Restriction:	Yes	**Clean Soil 10:**	No
HWY Auth Agrmnt:	Yes	**Alternate Barrier:**	No
Ordinance:	No	**Other Barrier:**	No
Industrial Cmmrcial:	No	**ELUC Grndwtr Rstrct:**	No
Worker Caution:	No	**ELUC Other:**	No
Applicant Company:	TEF Shermer LLC		
NFR Site Name:	Northbrook Garage		
NFR Letter Date:	11/22/2017		
Effective:	TRUE		
NFR Recorded Date:			
Land Use:	Residential or Industrial/Commercial		
Comprehensive Focused:	Focused		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	2 of 8	N	0.32 / 1,681.00	645.74 / 1	Northbrook Garage 1347 Shermer Road Northbrook IL 60062	INST CONTROL

IEPA ID:	0312075069	**Longitude:**	-87.827269
US EPA ID:	ILD025690694	**Latitude:**	42.127965
County:	Cook		

Site Applicant / Consultant Information

Applicant Title:	Mr.	**Received Sa Date:**	8/4/2010
Applicant First Name:	Joshua	**Project Manager:**	Max Twum
Applicant Last Name:	Silverglade	**4Y Letter Date:**	
Applicant Company:	TEF Shermer LLC	**Active Site:**	No
Applicant Address:	350 West Hubbard Street	**Consultant Address:**	700 North Sacramento Boulevard
Applicant Address 2:	Suite 222	**Consultant Address 2:**	Suite 101
Applicant City:	Chicago, IL	**Consultant City:**	Chicago, IL
Applicant Zip Code:	60610	**Consultant Zip Code:**	60612
Contact:	Mark Santangelo		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letters Information

NFR Site Name:	Northbrook Garage	**Industrial Cmmrcial:**	No
NFR Letter Date:	11/22/2017	**Worker Caution:**	No
Effective:	TRUE	**Slab on Grade:**	No
NFR Recorded Date:		**BCT:**	No
Cmprehnsve Focsd:	Focused	**IC Inst Control Other:**	No
Applicant First Name:	Joshua	**Building Slab:**	No
Applicant Last Name:	Silverglade	**Asphalt Used:**	No
Applicant Company:	TEF Shermer LLC	**Concrete Used:**	Yes
Applicant Address:	350 West Hubbard Street	**Clean Soil 3ft:**	No
Applicant Address2:	Suite 222	**Clean Soil 10:**	No
Applicant City:	Chicago, IL	**Alternate Barrier:**	No
Applicant Zip Code:	60610	**Other Barrier:**	No
Acres:	0.46	**ELUC Other:**	No
Ordinance:	No		
ELUC Grndwater Use Restrict:	No		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Ground Water Use Restriction: Yes
Highway Authority Agreement: Yes
Land Use: Residential or Industrial/Commercial

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15 | **3 of 8** | **N** | **0.32 / 1,681.00** | **645.74 / 1** | **TEF Shermer LLC**
1347 Shermer Road
Northbrook IL 60062 | **LUST**

Incident No:	20091442	**Sec 57:**	734
BL ID:	0312075069	**Non Lust:**	
Rpt Rec 20:	1/22/2010 12:00:00 AM	**Rpt Rec 45:**	4/9/2010 12:00:00 AM
IEMA Date:	12/28/2009 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	True	**NFR NFA Date:**	10/28/2011 12:00:00 AM
Unleaded:	False	**NFR Recorded:**	11/23/2011 12:00:00 AM
Diesel:	False	**Pre 74 Date:**	
Fuel Oil:	False	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	False	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	(217) 785-1858
Other Petroleum:	False	**County:**	Cook
Project Manager:	Rothering	**First Name:**	Scott
Site Class:		**Email:**	Scott.Rothering@illinois.gov
Primary Resp Party Name:	TEF Shermer LLC		
Primary Resp Party Address:	350 West Hubbard, Suite 222		
Primary Resp Party City:	Chicago		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60610		
Primary Resp Party Phone:	3128229100		
Primary Resp Party Contact:	Joshua Silverglade		

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15 | **4 of 8** | **N** | **0.32 / 1,681.00** | **645.74 / 1** | **TEF Shermer LLC**
1347 Shermer Road
Northbrook IL 60062 | **LUST**

Incident No:	20091443	**Sec 57:**	734
BL ID:	0312075069	**Non Lust:**	
Rpt Rec 20:	1/22/2010 12:00:00 AM	**Rpt Rec 45:**	4/9/2010 12:00:00 AM
IEMA Date:	12/28/2009 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	False	**NFR NFA Date:**	
Unleaded:	False	**NFR Recorded:**	
Diesel:	False	**Pre 74 Date:**	9/15/2017 12:00:00 AM
Fuel Oil:	False	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	True	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	(217) 558-4071
Other Petroleum:	False	**County:**	Cook
Project Manager:	Boring	**First Name:**	Suzanne
Site Class:		**Email:**	Suzanne.Boring@illinois.gov
Primary Resp Party Name:	TEF Shermer LLC		
Primary Resp Party Address:	350 West Hubbard, Suite 222		
Primary Resp Party City:	Chicago		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60610		
Primary Resp Party Phone:	3128229100		
Primary Resp Party Contact:	Joshua Silverglade		

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15 | **5 of 8** | **N** | **0.32 / 1,681.00** | **645.74 / 1** | **TEF Shermer LLC**
1347 Shermer Road
Northbrook IL 60062 | **LUST**

Incident No:	20100163	**Sec 57:**	734
BL ID:	0312075069	**Non Lust:**	
Rpt Rec 20:	3/5/2010 12:00:00 AM	**Rpt Rec 45:**	7/9/2010 12:00:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

IEMA Date:	2/23/2010 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	False	**NFR NFA Date:**	8/23/2010 12:00:00 AM
Unleaded:	False	**NFR Recorded:**	7/20/2011 12:00:00 AM
Diesel:	False	**Pre 74 Date:**	
Fuel Oil:	False	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	False	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	(217) 785-1858
Other Petroleum:	True	**County:**	Cook
Project Manager:	Rothering	**First Name:**	Scott
Site Class:		**Email:**	Scott.Rothering@illinois.gov

Primary Resp Party Name:	TEF Shermer LLC
Primary Resp Party Address:	350 West Hubbard Street, Suite 222
Primary Resp Party City:	Chicago
Primary Resp Party State:	IL
Primary Resp Party Zip:	60610
Primary Resp Party Phone:	3128229100
Primary Resp Party Contact:	Joshawa Silvergale

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	6 of 8	N	0.32 / 1,681.00	645.74 / 1	**Northbrook Garage** **1347 Shermer Road** **Northbrook IL 60062**	SRP

IEPA ID:	0312075069	**Longitude:**	-87.827269
USEPA ID:	ILD025690694	**Latitude:**	42.127965
County:	Cook		

Site Applicant / Consultant Information

Active Site:	No	**Contact:**	Mark Santangelo
Applicant Title:	Mr.	**Consultant Address:**	700 North Sacramento Boulevard
Applicant First Name:	Joshua	**Consultant Address 2:**	Suite 101
Applicant Last Name:	Silverglade	**Consultant City:**	Chicago, IL
Applicant Address:	350 West Hubbard Street	**Consultant Zip Code:**	60612
Applicant Address 2:	Suite 222	**Project Manager:**	Max Twum
Applicant City:	Chicago, IL	**Received Sa Date:**	8/4/2010
Applicant Zip Code:	60610	**4Y Letter Date:**	
Applicant Company:	TEF Shermer LLC		
Consultant Company:	Pioneer Engineering & Environmental Services, Inc.		

Letter Information

Applicant First Name:	Joshua	**Slab On Grade:**	No
Applicant Last Name:	Silverglade	**BCT:**	No
Applicant Address:	350 West Hubbard Street	**IC Inst Control Other:**	No
Applicant Address2:	Suite 222	**Building Slab:**	No
Applicant City:	Chicago, IL	**Asphalt Used:**	No
Applicant Zip Code:	60610	**Concrete Used:**	Yes
Acres:	0.46	**Clean Soil 3ft:**	No
Grnd Wtr Restriction:	Yes	**Clean Soil 10:**	No
HWY Auth Agrmnt:	Yes	**Alternate Barrier:**	No
Ordinance:	No	**Other Barrier:**	No
Industrial Cmmrcial:	No	**ELUC Grndwtr Rstrct:**	No
Worker Caution:	No	**ELUC Other:**	No
Applicant Company:	TEF Shermer LLC		
NFR Site Name:	Northbrook Garage		
NFR Letter Date:	11/22/2017		
Effective:	TRUE		
NFR Recorded Date:			
Land Use:	Residential or Industrial/Commercial		
Comprehensive Focused:	Focused		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	7 of 8	N	0.32 /	645.74 /	**Northbrook Garage, Inc.**	LUST TRUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			1,681.00	1	1347 Shermer Road Northbrook IL 60062	

Status:	No Longer on List	**Running Total:**	32377787.19
Incident Claim NO:	20091442-60793	**Queue Date:**	24-OCT-11
App Pay Amount:	12507.35	**Approved Date:**	19-JAN-12
Payment Assignee:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	8 of 8	N	0.32 / 1,681.00	645.74 / 1	Northbrook Garage, Inc. 1347 Shermer Road Northbrook IL 60062	LUST TRUST

Status:	No Longer on List	**Running Total:**	32439046.97
Incident Claim NO:	20091442-61001	**Queue Date:**	24-OCT-11
App Pay Amount:	61259.78	**Approved Date:**	19-JAN-12
Payment Assignee:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 2	E	0.33 / 1,767.74	639.07 / -6	Northbrook Park Dist. 1605 Illinois Rd. Northbrook IL 60062	LUST

Incident No:	920312	**Sec 57:**	731
BL ID:	0312075139	**Non Lust:**	
Rpt Rec 20:	2/19/1992 12:00:00 AM	**Rpt Rec 45:**	4/27/1992 12:00:00 AM
IEMA Date:	2/4/1992 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	False	**NFR NFA Date:**	6/15/1992 12:00:00 AM
Unleaded:	True	**NFR Recorded:**	
Diesel:	False	**Pre 74 Date:**	
Fuel Oil:	False	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	False	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	
Other Petroleum:	False	**County:**	Cook
Project Manager:	Irwin	**First Name:**	Russ
Site Class:		**Email:**	
Primary Resp Party Name:	Northbrook Park Dist.		
Primary Resp Party Address:	1710 Pfingsten Rd.		
Primary Resp Party City:	Northbrook		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	60062		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Paul Cathey		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	2 of 2	E	0.33 / 1,767.74	639.07 / -6	Northbrook Park District 1605 Illinois Northbrook IL 60062	LUST

Incident No:	900735	**Sec 57:**	731
BL ID:	0312075139	**Non Lust:**	
Rpt Rec 20:		**Rpt Rec 45:**	
IEMA Date:	3/21/1990 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	True	**NFR NFA Date:**	9/15/2017 12:00:00 AM
Unleaded:	False	**NFR Recorded:**	
Diesel:	False	**Pre 74 Date:**	
Fuel Oil:	False	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	False	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	(217) 558-4071
Other Petroleum:	False	**County:**	Cook
Project Manager:	Boring	**First Name:**	Suzanne
Site Class:		**Email:**	Suzanne.Boring@illinois.gov
Primary Resp Party Name:	Northbrook Park Dist.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Resp Party Address: 1710 Pfingsten Rd.
Primary Resp Party City: Northbrook
Primary Resp Party State: IL
Primary Resp Party Zip: 60062
Primary Resp Party Phone:
Primary Resp Party Contact: Carrie Sowatzke

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17 | **1 of 1** | **SSW** | **0.36 / 1,902.62** | **649.71 / 5** | **Marathon Oil Co.**
1975 Shermer Rd.
Northbrook IL 60062 | **LUST**

Incident No: 903198
BL ID: 0312075113
Rpt Rec 20:
IEMA Date: 10/30/1990 12:00:00 AM
Gasoline: True
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Project Manager: Haskins
Site Class:
Sec 57: 731
Non Lust:
Rpt Rec 45:
Sec 57 5g:
NFR NFA Date: 2/28/2000 12:00:00 AM
NFR Recorded: 4/20/2000 12:00:00 AM
Pre 74 Date:
FPD Date:
NFR Recission:
NFR Voided:
Phone:
County: Cook
First Name: Bill
Email:
Primary Resp Party Name: Marathon Oil Co.
Primary Resp Party Address: 539 South Main St.
Primary Resp Party City: Findlay
Primary Resp Party State: OH
Primary Resp Party Zip: 45840
Primary Resp Party Phone:
Primary Resp Party Contact: Pat Mihelick

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18 | **1 of 1** | **S** | **0.40 / 2,096.75** | **649.42 / 5** | **Dehne Lawn & Garden Equipment**
1930 Techny Rd.
Northbrook IL 60062 | **LUST**

Incident No: 902777
BL ID: 0312075121
Rpt Rec 20:
IEMA Date: 9/25/1990 12:00:00 AM
Gasoline: False
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: True
Other Petroleum: False
Project Manager: Boring
Site Class:
Sec 57: 731
Non Lust:
Rpt Rec 45:
Sec 57 5g:
NFR NFA Date: 1/23/2008 12:00:00 AM
NFR Recorded:
Pre 74 Date:
FPD Date:
NFR Recission:
NFR Voided:
Phone: (217) 558-4071
County: Cook
First Name: Suzanne
Email: Suzanne.Boring@illinois.gov
Primary Resp Party Name: Dehne Lawn & Garden Equipment
Primary Resp Party Address: 2025 Brentwood Rd.
Primary Resp Party City: Northbrook
Primary Resp Party State: IL
Primary Resp Party Zip: 60062
Primary Resp Party Phone:
Primary Resp Party Contact: Ralph Dehne

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19 | **1 of 1** | **S** | **0.40 / 2,106.01** | **646.02 / 1** | **Illinois Dept. of Transportation**
1916 Techny Rd.
Northbrook IL 60062 | **LUST**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Incident No:	991228	**Sec 57:**	732
BL ID:	0312075160	**Non Lust:**	
Rpt Rec 20:	6/17/1999 12:00:00 AM	**Rpt Rec 45:**	7/7/1999 12:00:00 AM
IEMA Date:	5/21/1999 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	False	**NFR NFA Date:**	10/20/2000 12:00:00 AM
Unleaded:	False	**NFR Recorded:**	1/8/2001 12:00:00 AM
Diesel:	True	**Pre 74 Date:**	
Fuel Oil:	False	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	False	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	(217) 524-4827
Other Petroleum:	False	**County:**	Cook
Project Manager:	Putrich	**First Name:**	Steve
Site Class:	NFA	**Email:**	Steve.Putrich@illinois.gov
Primary Resp Party Name:	Illinois Dept. of Transportation		
Primary Resp Party Address:	200 East Ash St.		
Primary Resp Party City:	Springfield		
Primary Resp Party State:	IL		
Primary Resp Party Zip:	62706		
Primary Resp Party Phone:	2177872334		
Primary Resp Party Contact:	Martin Scheff		

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20 | ***1 of 1*** | ***SSE*** | ***0.45 / 2,360.04*** | ***643.41 / -1*** | ***STS Consultants
1869 Techny Road
Northbrook IL 60062*** | ***SRP***

IEPA ID:	0312075091	**Longitude:**	-87.82371
USEPA ID:		**Latitude:**	42.11629
County:	Cook		

Site Applicant / Consultant Information

Active Site:	Yes	**Contact:**	
Applicant Title:	Mr.	**Consultant Address:**	
Applicant First Name:	Eric	**Consultant Address 2:**	
Applicant Last Name:	Moore	**Consultant City:**	
Applicant Address:	1869 Techny Road	**Consultant Zip Code:**	
Applicant Address 2:		**Project Manager:**	Todd Gross
Applicant City:	Northbrook, IL	**Received Sa Date:**	10/11/2017
Applicant Zip Code:	60062	**4Y Letter Date:**	
Applicant Company:	1869 Techny Road		
Consultant Company:			

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21 | ***1 of 1*** | ***NNW*** | ***0.48 / 2,544.63*** | ***645.83 / 1*** | ***Northbrook, Village of
1225 Cedar Ln.
Northbrook IL 60062*** | ***LUST***

Incident No:	892604	**Sec 57:**	732
BL ID:	0312075063	**Non Lust:**	
Rpt Rec 20:	3/30/1990 12:00:00 AM	**Rpt Rec 45:**	3/30/1990 12:00:00 AM
IEMA Date:	12/11/1989 12:00:00 AM	**Sec 57 5g:**	
Gasoline:	True	**NFR NFA Date:**	9/5/1995 12:00:00 AM
Unleaded:	False	**NFR Recorded:**	
Diesel:	False	**Pre 74 Date:**	
Fuel Oil:	True	**FPD Date:**	
Jet Fuel:	False	**NFR Recission:**	
Used Oil:	True	**NFR Voided:**	
Non Petroleum Prod:	False	**Phone:**	
Other Petroleum:	False	**County:**	Cook
Project Manager:	Davison	**First Name:**	
Site Class:	NFA	**Email:**	
Primary Resp Party Name:	Village of Northbrook		
Primary Resp Party Address:	1225 Cedar Ln.		
Primary Resp Party City:	Northbrook		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Primary Resp Party State:		IL				
Primary Resp Party Zip:		60062				
Primary Resp Party Phone:						
Primary Resp Party Contact:		Tom Papreck				

Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		SHERMER ROAD MILE POST: 17,SUBDIVISION: MILWAUKEE	GLENVIEW IL		807160525
ERNS		19TH SHERMER ST.	NORTH BROCK IL		807056111
ERNS		SHERMER ROAD	GLENVIEW IL		806982147
SPILLS2	CANAL BARGE CO	RIVER, ILLINOIS MP 317	UNKNOWN IL		813057531

Unplottable Report

Site:

SHERMER ROAD MILE POST: 17,SUBDIVISION: MILWAUKEE GLENVIEW IL ERNS

NRC Report No:	889303	***Direction From City:***	
Type of Incident:	RAILROAD NON-RELEASE	***Lat Quad:***	
Incident Cause:	OTHER	***Long Quad:***	
Incident Date:	11/6/2008 8:33:00 AM	***Location Section:***	
Incident Location:	ONE HALF MILE FROM SHERMER ROAD	***Location Township:***	
Incident Dtg:	DISCOVERED	***Location Range:***	
Distance From City:		***Potential Flag:***	No
Distance Units:		***Year:***	Calendar Year 2008

Description of Incident: CALLER STATED A DECEASED TRESPASSER WAS FOUND BETWEEN THE MAIN LINE TRACKS. CALLER STATED THAT THE TRESPASSER WAS DECAPITATED. CALLER DOES NOT KNOW WHICH TRAIN WAS ACTUALLY INVOLVED.

Calls Information

Date Time Received:	11/6/2008 10:22:22 AM	***Responsible City:***	
Date Time Complete:	11/6/2008 10:29:53 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Responsible Company:		***On Behalf of:***	
Responsible ORG Type:	UNKNOWN	***Source:***	TELEPHONE

Incidents Information

Aircraft Type:	
Aircraft Model:	
Aircraft ID:	
Aircraft Fuel Capacity:	
Aircraft Fuel Capacity Units:	
Aircraft Fuel on Board:	
Aircraft Fuel OB Units:	
Aircraft Spot No:	
Aircraft Hanger:	
Aircraft Runway No:	
Road Mile Marker:	
Building ID:	
Type of Fixed Object:	
Power Generating Facility:	U
Generating Capacity:	
Type of Fuel:	
NPDES:	
NPDES Compliance:	U
Pipeline Type:	
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	
Grade Crossing:	N
Location Subdivision:	MILWAUKEE
Railroad Milepost:	17
Type Vehicle Involved:	
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	N
Description of Tank:	

Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	
Location Area ID:	
Location Block ID:	
OCSG No:	
OCSG No:	
State Lease No:	
Pier Dock No:	
Berth Slip No:	
Continuous Release Type:	
Initial Cont Release No:	
Continuous Release Permit:	
Allision:	N
Type of Structure:	
Structure Name:	
Structure Operational:	U
Airbag Deployed:	U
Date Time Normal Service:	
Service Disruption Time:	
Service Disruption Units:	
Transit Bus Flag:	
CR Begin Date:	
CR End Date:	
CR Change Date:	
FBI Contact:	
FBI Contact Date Time:	
Sub Part C Testing Req:	UNK
Conductor Testing:	
Engineer Testing:	
Trainman Testing:	
Yard Foreman Testing:	
RCL Operator Testing:	
Brakeman Testing:	
Train Dispatcher Testing:	
Signalman Testing:	
Other Employee Testing:	
Unknown Testing:	
Passenger Handling:	
Passenger Route:	YES
Passenger Delay:	UNK

Incident Details Information

Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	N
No. Injured:	
No. Hospitalized:	
Any Fatalities:	Y
No. Fatalities:	1
Any Damages:	N
Damage Amount:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Closed:	N
Waterway Desc:	

Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Closure Direction:	
Major Artery:	No
Track Closed:	U
Track Desc:	
Track Closure Time:	
Media Interest:	NONE
Medium Desc:	NON-RELEASE (N/A)
Additional Medium Info:	DECEASED TRESPASSER DISCOVERED IN BETWEEN TWO TRACKS
Body of Water:	
Tributary of:	
Nearest River Mile Maker:	
Release Secured:	U
Est Duration of Release:	
Release Rate:	
Desc Remedial Action:	UNKNOWN
State Agency on Scene:	GLENVIEW POLICE DEPT
State Agency Report No:	RC20080119
Other Agency Notified:	
Weather Conditions:	SUNNY
Air Temperature:	60
Wind Speed:	
Wind Direction:	
Water Supply Contaminated:	U
Sheen Size:	
Sheen Color:	
Direction of Sheen Travel:	
Sheen Odor Description:	
Wave Condition:	
Current Speed:	
Current Direction:	
Water Temperature:	
Track Close Dir:	
EMPL Fatality:	
Pass Fatality:	
Community Impact:	
Wind Speed Unit:	
Employee Injuries:	
Passenger Injuries:	
Occupant Fatality:	
Current Speed Unit:	
Road Closure Units:	
Track Closure Units:	
Sheen Size Units:	
Additional Info:	NO ADDITIONAL INFORMATION.
State Agency Notified:	IL OEM
Federal Agency Notified:	NONE
Nearest River Mile Marker:	
Sheen Size Length:	
Sheen Size Length Units:	
Sheen Size Width:	
Sheen Size Width Units:	
Offshore:	N
Duration Unit:	
Release Rate Unit:	
Release Rate Rate:	
Passengers Transferred:	NO

Site:

19TH SHERMER ST. NORTH BROCK IL ERNS

NRC Report No:	633719	***Direction From City:***	
Type of Incident:	FIXED	***Lat Quad:***	
Incident Cause:	OPERATOR ERROR	***Long Quad:***	
Incident Date:	1/9/2003 12:00:00 PM	***Location Section:***	
Incident Location:	MARTHON SERVICE STATION 239.	***Location Township:***	
Incident Dtg:	OCCURRED	***Location Range:***	

Distance From City:		***Potential Flag:***	
Distance Units:		***Year:***	Calendar Year 2003
Description of Incident:	MATERIAL RELEASED FROM A GAS STATION DUE TO AN OPERATOR ERROR.		

Material Spill Information

Chris Code:	GAS	***Name of Material:***	GASOLINE: AUTOMOTIVE (UNLEADED)
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	12
Amount of Material:	12	***Unit Reach Water:***	GALLON(S)
Unit of Measure:	GALLON(S)		

Calls Information

Date Time Received:	1/9/2003 1:17:53 PM	***Responsible City:***	INDIANAPOLIS
Date Time Complete:	1/9/2003 1:27:04 PM	***Responsible State:***	IN
Call Type:	INC	***Responsible Zip:***	46268
Responsible Company:	MARATHON OIL COMPANY	***On Behalf of:***	
Responsible ORG Type:	PRIVATE ENTERPRISE	***Source:***	TELEPHONE

Incidents Information

Aircraft Type:	
Aircraft Model:	
Aircraft ID:	
Aircraft Fuel Capacity:	
Aircraft Fuel Capacity Units:	
Aircraft Fuel on Board:	
Aircraft Fuel OB Units:	
Aircraft Spot No:	
Aircraft Hanger:	
Aircraft Runway No:	
Road Mile Marker:	
Building ID:	
Type of Fixed Object:	OTHER
Power Generating Facility:	N
Generating Capacity:	
Type of Fuel:	
NPDES:	
NPDES Compliance:	U
Pipeline Type:	
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	
Grade Crossing:	N
Location Subdivision:	
Railroad Milepost:	
Type Vehicle Involved:	
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	N
Description of Tank:	
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	

Location Area ID:
Location Block ID:
OCSG No:
OCSG No:
State Lease No:
Pier Dock No:
Berth Slip No:
Continuous Release Type:
Initial Cont Release No:
Continuous Release Permit:
Allision: N
Type of Structure:
Structure Name:
Structure Operational: U
Airbag Deployed:
Date Time Normal Service:
Service Disruption Time:
Service Disruption Units:
Transit Bus Flag:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Date Time:
Sub Part C Testing Req: XXX
Conductor Testing:
Engineer Testing:
Trainman Testing:
Yard Foreman Testing:
RCL Operator Testing:
Brakeman Testing:
Train Dispatcher Testing:
Signalman Testing:
Other Employee Testing:
Unknown Testing:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX

Incident Details Information

Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
Number Evacuated:
Who Evacuated:
Radius Of Evacuation:
Any Injuries: N
No. Injured:
No. Hospitalized:
Any Fatalities: N
No. Fatalities:
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Closure Time:
Road Closed: N
Road Desc:
Road Closure Time:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Media Interest: NONE
Medium Desc: WATER

Additional Medium Info:	DRAINAGE DITCH
Body of Water:	DRAINAGE DITCH
Tributary of:	
Nearest River Mile Maker:	
Release Secured:	Y
Est Duration of Release:	
Release Rate:	
Desc Remedial Action:	CLEANUP COMPLETED.
State Agency on Scene:	
State Agency Report No:	20031513
Other Agency Notified:	
Weather Conditions:	CLEAR
Air Temperature:	50
Wind Speed:	
Wind Direction:	
Water Supply Contaminated:	N
Sheen Size:	
Sheen Color:	
Direction of Sheen Travel:	
Sheen Odor Description:	
Wave Condition:	
Current Speed:	
Current Direction:	
Water Temperature:	
Track Close Dir:	
EMPL Fatality:	
Pass Fatality:	
Community Impact:	N
Wind Speed Unit:	
Employee Injuries:	
Passenger Injuries:	
Occupant Fatality:	
Current Speed Unit:	
Road Closure Units:	
Track Closure Units:	
Sheen Size Units:	
Additional Info:	NO SHEEN INFORMATION.
State Agency Notified:	EPA
Federal Agency Notified:	
Nearest River Mile Marker:	
Sheen Size Length:	
Sheen Size Length Units:	
Sheen Size Width:	
Sheen Size Width Units:	
Offshore:	N
Duration Unit:	
Release Rate Unit:	
Release Rate Rate:	
Passengers Transferred:	UNK

Site:

SHERMER ROAD GLENVIEW IL ERNS

NRC Report No:	1016720	***Direction From City:***	
Type of Incident:	RAILROAD	***Lat Quad:***	
Incident Cause:	DERAILMENT	***Long Quad:***	
Incident Date:	7/4/2012 1:44:00 PM	***Location Section:***	
Incident Location:	MILEPOST 17.5 - SOUTH OF INTERSECTION OF WILLOW RD AND SHERMER RD	***Location Township:***	
Incident Dtg:	DISCOVERED	***Location Range:***	
Distance From City:		***Potential Flag:***	Yes
Distance Units:		***Year:***	Calendar Year 2012

Description of Incident: THIS IS AN UPDATE TO REPORT #1016709. A NORTHBOUND TRAIN SUFFERED A 27 CARS DERAILMENT (ORIGINALLY REPORTED AS 4 CARS DERAILED). A RAILROAD BRIDGE COLLAPSED DUE TO THE DERAILMENT. VEGETATION CAUGHT ON FIRE, ALSO A RESULT OF THE DERAILMENT. THE FIRE HAS BEEN EXTINGUISHED.

Calls Information

Date Time Received:	7/4/2012 5:02:02 PM	***Responsible City:***	
Date Time Complete:	7/4/2012 5:18:35 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Responsible Company:		***On Behalf of:***	
Responsible ORG Type:	UNKNOWN	***Source:***	TELEPHONE

Incidents Information

Aircraft Type:	
Aircraft Model:	
Aircraft ID:	
Aircraft Fuel Capacity:	
Aircraft Fuel Capacity Units:	
Aircraft Fuel on Board:	
Aircraft Fuel OB Units:	
Aircraft Spot No:	
Aircraft Hanger:	
Aircraft Runway No:	
Road Mile Marker:	
Building ID:	
Type of Fixed Object:	
Power Generating Facility:	U
Generating Capacity:	
Type of Fuel:	
NPDES:	
NPDES Compliance:	U
Pipeline Type:	
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	
Grade Crossing:	N
Location Subdivision:	MILWAUKEE
Railroad Milepost:	17.5
Type Vehicle Involved:	
Crossing Device Type:	
Device Operational:	Y
Dot Crossing No:	
Brake Failure:	U
Description of Tank:	
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	
Tank ID:	
Capacity of Tank:	
Capacity of Tank Units:	
Actual Amount:	
Actual Amount Units:	
Platform Rig Name:	
Platform Letter:	
Location Area ID:	
Location Block ID:	
OCSG No:	
OCSG No:	
State Lease No:	
Pier Dock No:	
Berth Slip No:	
Continuous Release Type:	
Initial Cont Release No:	
Continuous Release Permit:	
Allision:	U
Type of Structure:	
Structure Name:	
Structure Operational:	U
Airbag Deployed:	U

Date Time Normal Service:	
Service Disruption Time:	
Service Disruption Units:	
Transit Bus Flag:	
CR Begin Date:	
CR End Date:	
CR Change Date:	
FBI Contact:	
FBI Contact Date Time:	
Sub Part C Testing Req:	YES
Conductor Testing:	
Engineer Testing:	
Trainman Testing:	
Yard Foreman Testing:	
RCL Operator Testing:	
Brakeman Testing:	
Train Dispatcher Testing:	
Signalman Testing:	
Other Employee Testing:	
Unknown Testing:	YES
Passenger Handling:	
Passenger Route:	YES
Passenger Delay:	UNK

Incident Details Information

Fire Involved:	Y
Fire Extinguished:	Y
Any Evacuations:	N
Number Evacuated:	
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	N
No. Injured:	
No. Hospitalized:	
Any Fatalities:	N
No. Fatalities:	
Any Damages:	N
Damage Amount:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Closed:	N
Waterway Desc:	
Waterway Closure Time:	
Road Closed:	Y
Road Desc:	SHERMER ROAD
Road Closure Time:	
Closure Direction:	N/S
Major Artery:	No
Track Closed:	Y
Track Desc:	MAIN 1 & 2
Track Closure Time:	
Media Interest:	MEDIUM
Medium Desc:	BALLAST
Additional Medium Info:	RAIL BALLAST
Body of Water:	
Tributary of:	
Nearest River Mile Maker:	
Release Secured:	U
Est Duration of Release:	
Release Rate:	
Desc Remedial Action:	LOCAL RESPONDERS RESPONDED TO SCENE; CONTRACTORS HAVE BEEN HIRED FOR RE-RAIL
State Agency on Scene:	
State Agency Report No:	RR20120041
Other Agency Notified:	
Weather Conditions:	CLEAR
Air Temperature:	101
Wind Speed:	
Wind Direction:	

Water Supply Contaminated:	U
Sheen Size:	
Sheen Color:	
Direction of Sheen Travel:	
Sheen Odor Description:	
Wave Condition:	
Current Speed:	
Current Direction:	
Water Temperature:	
Track Close Dir:	ALL
EMPL Fatality:	
Pass Fatality:	
Community Impact:	
Wind Speed Unit:	
Employee Injuries:	
Passenger Injuries:	
Occupant Fatality:	
Current Speed Unit:	
Road Closure Units:	
Track Closure Units:	
Sheen Size Units:	
Additional Info:	
State Agency Notified:	IL OFFICE OF EMERGENCY MANAGEMENT
Federal Agency Notified:	
Nearest River Mile Marker:	
Sheen Size Length:	
Sheen Size Length Units:	
Sheen Size Width:	
Sheen Size Width Units:	
Offshore:	N
Duration Unit:	
Release Rate Unit:	
Release Rate Rate:	
Passengers Transferred:	NO

Site: ***CANAL BARGE CO***
RIVER, ILLINOIS MP 317 UNKNOWN IL

SPILLS2

Incident ID:	20100326	***Occured Date:***	
Recieved Date:	4/5/2010 7:41:00 PM	***Incident Lust:***	N
Action:		***Incident County:***	COOK
Action Descr:			

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Sep 13, 2017

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Sep 13, 2017

Deleted NPL: DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Sep 13, 2017

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Oct 17, 2017

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Oct 17, 2017

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 17, 2017

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Oct 17, 2017

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 17, 2017

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 17, 2017

RCRA Conditionally Exempt Small Quantity Generators List: RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Oct 17, 2017

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 17, 2017

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 8, 2017

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 16, 2017

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: May 31, 2017

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Oct 17, 2017

State

State Response Action Program Database: SSU

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database is state equivalent CERCLIS.

Government Publication Date: Dec 29, 2017

Delisted State Response Action Program: DELISTED SSU

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Government Publication Date: Dec 29, 2017

Solid Waste Landfills Subject to State Surcharge Database: SWF/LF

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

Government Publication Date: Feb 14, 2017

Special Waste Site List: SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

Government Publication Date: Jan 1, 1990

Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in Northeastern Illinois: NIPC

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

Government Publication Date: Dec 1987

Clean Construction or Demolition Debris: CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

Government Publication Date: Dec 9, 2017

Leaking Underground Storage Tanks (LUST): LUST

The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency.

Government Publication Date: Oct 25, 2017

Delisted Leaking Underground Storage Tank Sites: DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

Government Publication Date: Oct 25, 2017

Underground Storage Tank Fund Payment Priority List: LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

Government Publication Date: Nov 01, 2016

Underground Storage Tank Database (UST): UST

This database maintained by Division of Petroleum & Chemical Safety, contains information derived from tank registration information supplied to the Office of the Illinois State Fire Marshal (OSFM) from outside sources.

Government Publication Date: Nov 13, 2017

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Sep 30, 2017

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: Nov 13, 2017

Sites with Engineering Controls: ENG CONTROL

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Jan 16, 2018

Institutional Controls: INST CONTROL

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Jan 16, 2018

Illinois Site Remediation Program Database: SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). This Site Remediation program database made available by Illinois Environmental Protection Agency.

Government Publication Date: Jan 16, 2018

Brownfields Redevelopment Assessment Database: BROWNFIELDS

The Office of Site Evaluations Redevelopment Assessment database identifies the status of properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a Municipal Brownfields Redevelopment Grant (MBRG) project.

Government Publication Date: Dec 01, 2017

Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA: BROWN MBRGP

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

Government Publication Date: Mar 31, 2013

Tribal

Leaking Underground Storage Tanks on Indian Lands: INDIAN LUST

List of Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 5, which includes Michigan, Minnesota and Wisconsin. There no LUST records in Illinois at this time.

Government Publication Date: Feb 26, 2015

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

Underground Storage Tanks (USTs) on Tribal/Indian Lands in EPA Region 5. There are no UST records in Illinois at this time.

Government Publication Date: Feb 26, 2015

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Aug 3, 2017

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Aug 3, 2017

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Dec 21, 2017

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.
Government Publication Date: Sep 13, 2016

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.
Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.
Government Publication Date: Jul 31, 2017

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).
Government Publication Date: Oct 13, 2017

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.
Government Publication Date: Feb 28, 2017

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.
Government Publication Date: Jul 18, 2017

State

Spills and Incidences: SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.
Government Publication Date: Oct 10, 2017

Emergency Response Releases & Spills Database: SPILLS2

The Office of Emergency Response (OER) maintains the Emergency Response Releases & Spills Database.
The Emergency Operations Unit, within OER, coordinates Illinois EPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.
Government Publication Date: Oct 5, 2017

Drycleaner Facilities: DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.
Government Publication Date: Dec 18, 2017

Delisted Drycleaners: DELISTED DRYC

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.
Government Publication Date: Dec 18, 2017

Clandestine Drug Labs: CDL

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.

Government Publication Date: Nov 15, 2017

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix E - User and Key Site Manager Questionnaire

USER QUESTIONNAIRE

Site Name: Grainger Property - 1657 Shermer Road, Northbrook, IL

Title and Signature of Person Completing Questionnaire

Thomas R Poupard, Director of Development & Planning Services

DATE: 2-5-2018

The following are a series of questions from ASTM 1527-13 that must be answered in order to qualify for Landowner Liability Protection under CERCLA. Please provide an answer to each question or attach pertinent information.

(1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(2) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g., engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g., administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(3) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

Property to the immediate south had been General Fire Extinguisher C. prior to redevelopment. The residential areas required the use of engineered barriers to meet environmental standards.

(4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

The contract contemplates a review of environmental findings before closing.

(5) Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(5a) Do you know the past uses of the property?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(5b) Do you know of specific chemicals that are present or once were present at the property?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(5c) Do you know of spills or other chemical releases that have taken place at the property?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(5d) Do you know of any environmental cleanups that have taken place at the property?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(6) As the User of the ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

Nothing obvious, but we have heard there may be some contamination.

(7) ASTM identifies certain documents as "Helpful Documents" for the understanding of environmental conditions at the Site. Are you aware of any of the following documents; and if so, can they be made available?

Prior Environmental Assessments
Compliance Reports
Environmental Permits
Tank Registrations
Material Safety Data Sheets (MSDS)
Safety or Spill Protection Plans
Risk Assessments
Hazardous Waste Generation Notices
Notices from Environmental Agencies
Underground Injection System Registrations
Community Right to Know Plans
Hydrogeologic or Geotechnical Reports

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(8) Do you know who the past owners of the property are and can you provide contact information?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(9) Do you have a complete site plan of the property that shows property boundaries and can you make it available?

☐ No ☒ Yes (Describe or attach information as Attachment No. A & B)

Most recent survey attached,; however, it does not reflect the most recently constructed parking lot or new underground storm detention system. Alos atatched is the most recent title information we have received.

USER QUESTIONNAIRE

Site Name: Grainger Northbrook Office

Title and Signature of Person Completing Questionnaire

Eric Powley, EHS Engineer

DATE: 2/22/2018

The following are a series of questions from ASTM 1527-13 that must be answered in order to qualify for Landowner Liability Protection under CERCLA. Please provide an answer to each question or attach pertinent information.

(1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

(2) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g., engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g., administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

An Environmental Land Use Control (ELUC) is present on a portion of the Grainger property with respect to the adjacent former General Fire Extinguisher Property located at 1685 Shermer Rd. (see supporting documentation).

(3) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☒ No ☐ Yes (Describe or attach information as Attachment No. ___)

See information regarding adjacent property referenced in question 2 above.

(4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*

☐ No ☐ Yes (Describe or attach information as Attachment No. ___)

(5) Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(5a) Do you know the past uses of the property?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

Available documents regarding potential environmental site conditions are attached.

(5b) Do you know of specific chemicals that are present or once were present at the property?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

See attached available documents regarding potential environmental site conditions.

(5c) Do you know of spills or other chemical releases that have taken place at the property?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

See attached available documents regarding potential releases that have taken place at the property.

(5d) Do you know of any environmental cleanups that have taken place at the property?

☐ No ☒ Yes (Describe or attach information as Attachment No. ___)

See attached available documents regarding environmental conditions at the property.

(6) As the User of the ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☐ No ☐ Yes (Describe or attach information as Attachment No. ___)

See attached available documents regarding potential environmental site conditions.

(7) ASTM identifies certain documents as "Helpful Documents" for the understanding of environmental conditions at the Site. Are you aware of any of the following documents; and if so, can they be made available?

Prior Environmental Assessments	*Risk Assessments*
Compliance Reports	*Hazardous Waste Generation Notices*
Environmental Permits	*Notices from Environmental Agencies*
Tank Registrations	*Underground Injection System Registrations*
Material Safety Data Sheets (MSDS)	*Community Right to Know Plans*
Safety or Spill Protection Plans	*Hydrogeologic or Geotechnical Reports*

☐ No ■ Yes (Describe or attach information as Attachment No. ___)

See attached available documents regarding potential environmental site conditions.

(8) Do you know who the past owners of the property are and can you provide contact information?

■ No ☐ Yes (Describe or attach information as Attachment No. ___)

(9) Do you have a complete site plan of the property that shows property boundaries and can you make it available?

☐ No ☐ Yes (Describe or attach information as Attachment No. ___)

Phase I ESA Questionnaire

Site address:
1657 Shermer Road
Northbrook, IL 60062-5362

Responses provided by (name/title):
George R. Avery
Regional Facility Manager

Years associated with the Site:
10 years

Date:
1/25/2018

SITE DESCRIPTION

Please provide a general description of the Site (number of buildings, other notable features):

A one-story building totaling approximately 178,000 sq. ft. The building is located in a residential area of Northbrook, a suburb approximately 20 miles northwest of downtown Chicago in Cook County, IL.

Construction is noncombustible and fire resistive. Combustible loading is considered high in the warehouse and low to moderate in the office areas.

This facility is a sales call center. The interior of a portion of the former parts distribution warehouse was renovated into open area offices in March 2007.
Automatic sprinkler protection is provided throughout the facility on six wet-pipe systems. The public water supply and a fire booster pump feed the sprinkler systems.

Fire exposure is considered slight due to adequate distance to a neighboring office building and residential condominiums. The site is not located in a flood prone area and is not subject to earthquakes. This area is not prone to hurricanes but could encounter moderate to high winds during a severe windstorm or tornado.

Main Computer Room: A 46 x 20 ft. computer room is located in the office area. The room is provided with a 12 in. high noncombustible raised floor. Equipment in the room consists of servers common to the industry. Cable loading in the subfloor space was noted to be light during this visit. Power cables are within conduit. The room is provided with smoke detectors at the ceiling and below the raised floor. Automatic sprinklers on a wet-pipe system are provided in the room. An emergency power off (EPO) switch is provided at the entrance/exit of the room. In addition, personnel indicated that the power to the room is interlocked to shut down in the event of a fire (interlocked with smoke detectors).

A new computer room was provided for the call center renovation project in 2007. This room only houses networking equipment and is located in the service core area of the call center where the warehouse was once located. It is approximately 40 ft. X 40 ft. The room has a wet pipe automatic sprinkler system with smoke detection above and below the raised floor.

CURRENT SITE USE

This facility has approximately 465 work station call center using telecommunication equipment for inside customer sales and support throughout the U.S.

The complex totals approximately 178,000 sq. ft. The existing offices and support areas are located along the west side of the facility. The operation's business hours are 5 a.m. to 7 p.m., Monday through Friday.

Most of the facility is considered a light hazard office occupancy. There is a full commercial kitchen employee cafeteria that is approximately 9,000 sq. ft

SITE UTILITIES

Please list the provider for each of the following services:

Natural gas - **Nicor**

Electricity - **ComEd**

Potable Water – **Village of Northbrook**

Sanitary Sewer - **Village of Northbrook**

SITE AND AREA HISTORY SUMMARY

When did the current owner acquire the Site?
Purchased and occupied the facility in 1991 - 1992.

How long has the building been occupied by the current tenant?
27 years

When was the existing Site building constructed?
1956

Please list any previous owners/occupants of the Site, or previous uses at the Site, if known:
The facility was originally built by Culligan Water

Are you aware of any underground storage tanks (USTs) or aboveground storage tanks (ASTs) currently or historically present on the Site?
No tanks are currently known to be present on this site. A former UST was removed and a No Further Remediation (NFR) was issued for the site in 2009. See attached available site documentation.

Are you aware of any hazardous materials or petroleum products currently or historically used and/or stored on the Site?
See attached available site documentation.

Are you aware of any water wells, monitoring wells, or septic systems currently or historically present on the Site?
None

Are you aware of any historical spills, hazardous materials releases, or environmental contamination at the Site?
A former UST was removed and a No Further Remediation (NFR) was issued for the site in 2009. See attached available site documentation.

Are you aware of any asbestos currently or historically present on the Site?
See attached available site documentation.

Are you aware of any wastes (including hazardous wastes) currently or historically generated or disposed of at the Site?
A former UST was removed and a No Further Remediation (NFR) was issued for the site in 2009. See attached available site documentation.

Are you aware of any historical filling (either with clean dirt or other materials) at the Site? If yes, please provide details, including when filling took place, and the types of fill materials involved:
See attached available site documentation.

Are you aware of any previous environmental sampling at the Site, or any previous environmental reports for the Site?
See attached available site documentation.

Please indicate the type of HVAC system used to heat/cool the Site building (include whether the building is heated via natural gas, electricity, fuel oil, propane, etc., and whether the building has central air conditioning).
Building heat is provided by combination of HVAC units (gas-fired) on the roof and hot water baseboard heaters that are fed from two 2mil Btu condensing package boilers.

Are you aware of any asbestos present on the Site?
See attached available site documentation.

Are any wastes (including hazardous wastes) other than general refuse produced at the Site?
See attached available site documentation.

What company performs waste pickup at the Site?
Waste Management

DOCUMENT REFERENCES

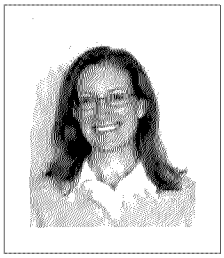
1657 Shermer Road, Northbrook

- Grainger Property Well Restriction (11/4/2003), IEPA
- IEPA Letter to Parts Company of America (8/27/1997), Compliance Survey
- Grainger Email (11/10/2008), Northbrook Boilers Asbestos Abatement Proposal Correspondence; From: Stacy Gatz; To: Kilpatrick, Shawn; Piacenza, Teri; Raven, Bill; cc: Chambers-Milton, Tressa; Leis, Robert
- Bureau Veritas North America, Inc. (11/10/2008), Results of Bulk Sampling and Analysis for Suspect Asbestos-Containing Materials (ACMs)
- Hygieneering, Inc. (11/11/2008), Proposal for Boiler Asbestos Abatement Services
- Hygieneering, Inc. (10/26/2010), Air Quality Management & Mold Prevention Program Report
- Advance Disposal (2016), Zion Landfill Waste Disposal Profile
- Terracon, Inc. (4/11/2016), Environmental Soil Evaluation
- Pepper Environmental Technologies (9/15/2016), Mold Inspection and Air Sampling
- Hygieneering, Inc. (9/12/2016), Mold & Moisture Assessment

Appendix F - Qualifications of Environmental Professional

Huff & Huff Incorporated
A Subsidiary of GZA

RESUME



Jill M. Connolly, EIT

Project Engineer

Summary of Experience

Jill Connolly is an engineer with over 13 years of experience including Phase I and II environmental site assessments, subsurface investigations, and soil and groundwater sampling and remediation. She has transportation project experience related to municipal, local highway, interstate, and railroad projects including environmental site investigation, special waste screening and direction of soils to clean construction or demolition debris (CCDD) facilities; Preliminary Environmental Site Assessments (PESA); and Preliminary Site Investigations (PSI). She has also worked on preparing PESA response forms and several PESA Validations for the High-Speed Rail Project from Chicago to St. Louis.

Education

B.S., 1995, Civil Engineering
Primary: Environmental
Secondary: Geotechnical
University of Illinois Urbana-Champaign, Urbana-Champaign, Illinois

Registrations & Certificates

Engineer in Training (EIT), 1995

IL Certified Class K Wastewater Treatment Operator, 1998

OSHA 8 Hour, refresher course, (1996-2017)

OSHA 40 Hour, OSHA 29 CFR 1910.120(e)(4) for Hazardous Waste Sites (1996)

Affiliations

- Illinois Section of ASCE

Areas of Specialization

- CCDD Disposal Assessment
- Phase I and II Environmental Site Assessments
- Environmental Site Investigations
- Subsurface Investigation/Remediation
- Soil and Groundwater Remediation
- Preliminary Environmental Site Assessments (PESA) / Special Waste Screenings
- UST Removals and Documentation

Relevant Project Experience

ENVIRONMENTAL SITE INVESTIGATION

- Conducted Phase II environmental site investigations at various sites in Illinois.
- Developed and implemented sampling plans for site investigations.
- Planned and conducted oversight of remediation excavations, confirmation sampling, and associated waste management coordination.

PHASE I ENVIRONMENTAL SITE ASSESSMENTS (ESA)

- Conducted Phase I ESAs of various facilities including a concrete batch plant, a former steel mill, several park district properties, airport properties, manufacturing facilities, industrial facilities, and various residential and commercial properties in Illinois, Wisconsin, Utah, New Mexico, Texas, North Carolina, and Georgia (1998-2018).

PRELIMINARY ENVIRONMENTAL SITE ASSESSMENTS (PESA) / PESA RESPONSE FORMS / PRELIMINARY SITE INVESTIGATION (PSI) / SPECIAL WASTE

- Prepared special waste screening reports for 30-mile long tollway improvement project along IL-53 (2015).
- Prepared special waste report/CCDD forms and conducted sampling for the Randall Road Interchange Improvements along I-90 (2015).
- Completed PESAs for proposed roadway improvements in Romeoville, Morton Grove, Schaumburg, Chicago, Mettawa, Downers Grove, and various other locations in Cook, Will, DuPage, Lake, Kane, and McHenry Counties in Illinois (2013-2018).
- Prepared PESA Responses and PESA Validations for dozens of project locations along the Chicago to St Louis High-Speed Rail Project (2013-2016).
- Completed PSIs for proposed roadway improvements in Chicago, Elk Grove Village, Schaumburg, Fox Lake, and various other locations in Cook, Will, DuPage, Lake, Kane, and McHenry Counties in Illinois (2013-2016).

Jill M. Connolly, E.I.T.

Project Engineer

CCDD/WASTE PERMITTING

- Conducted soil and groundwater sampling and waste profiling (CCDD, special, non-special, and hazardous) for multiple prime consultants and/or directly for municipalities and Departments/Divisions of Transportation in Cook, Will, DuPage, Lake, Kane, and McHenry Counties (2013-2016).
- Performed CCDD determinations for multiple roadway improvement projects. This included due diligence screening, sampling, and preparation of LPC-662 and/or LPC-663 forms (2013-2016).

UST REMOVAL AND DOCUMENTATION

- Completed UST/LUST closure reporting and obtained No Further Remediation (NFR) letters for Illinois Tollway fueling station and oases sites (2014-2017) and a municipal property (2016).
- Coordinated excavation, disposal, and sampling activities and completed 20- and 45-day reports for the removal of underground storage tanks (USTs) from several locations at a University in the Chicago area (2013-2014).
- Performed sampling and report preparation for the closure in place of several USTs in the Chicago area (2014-2016).

Experience Prior to Huff & Huff, Inc.

City of Chicago Department of Environment (2000-2003)

- Acted as Project Manager for several soil and groundwater contamination clean-up projects.
- Managed permit renewals and conducted inspections for several private waste disposal and recycling facilities/transfer stations.
- Managed permit renewals, conducted inspections, and conducted group tours at the four Material Recycling and Recovery Facilities (MRRFs) in the City of Chicago.
- Managed several components of the Blue Bag recycling program for the City of Chicago, including reviewing and approving the detailed contractor invoices and using these invoices to calculate monthly recycling rates in the City.

Tetra Tech EM Inc., Chicago, Illinois (1997-2000)

- Acted as field manager for 10 UST sites in the City of Chicago.
- Managed multiple projects under contract with the U.S. EPA. Project work included construction oversight, coordination of transportation/disposal of special wastes, monitoring well installation and development, surveying, soil and groundwater sampling, interpretation of laboratory results for soil and groundwater, and report preparation.
- Provided construction management support during the installation of a dual phase vacuum extraction system and performed sampling and O&M activities for the system.
- Worked with a team to develop a user guide and tracking form for the U.S. Navy Southern Division Naval Facilities Engineering Command to document process information and analytical information necessary for proper RCRA waste stream determinations at the Naval Air Station Joint Reserve Base in Fort Worth, Texas.
- Worked with a team to research and coordinate a field demonstration and write a technical evaluation of field measurement devices for analysis of total petroleum hydrocarbons in soil under the U.S. EPA Superfund Innovative Technology Program.
- Conducted Phase I ESA site inspections for various private clients.

ERD Environmental Inc. Bensenville, Illinois (1996-1997)

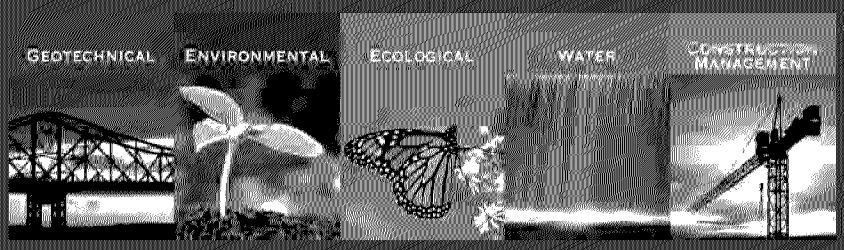
- Implemented soil and groundwater investigations at more than 20 UST sites and facilities throughout Illinois.
- Performed sampling and operation/maintenance activities for dual-phase vacuum extraction systems at two UST sites in Illinois.
- Conducted Phase I ESA site inspections for various private clients.

Village of Lisle Public Works Department (1995 Summer Intern)

- Surveyed, recorded, and mapped all new benchmark elevations following roadwork throughout the village.
- Oversaw installation of new storm sewers along Ogden Avenue and several road resurfacing projects throughout the village using experimental pavement surfaces.

Awards

American Academy of Environmental Engineers, Excellence in Environmental Engineering Competition 2002, Grand Prize for Research awarded to our team from Tetra Tech EM, Inc. for the U.S.EPA Innovative Technology Verification Report titled "Field Measurement Technologies for Total Petroleum Hydrocarbons in Soil"



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