EPA Region 5 Records Ctr.
321487

VACANT LOT SITE NORTH CHICAGO, ILLINOIS

APPENDICES:

A ACCESS AGREEMENT
B PRE-CONSTRUCTION MEETING MINUTES
C RAILROAD ACCESS AGREEMENT
D WASTE PROFILE FORMS
F SAMPLE TRACKING LOG
H ACCIDENT REPORT
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APPENDIX A
ACCESS AGREEMENT

CONSENT FOR ACCESS TO PROPERTY

The Northern Trust Company
Successor by Merger To

This Consent for Access to Property is executed this 27TH day of August, 1998 by The Northern Trust Bank/Lake Forest, as trustee under the 1976 Residuary Trust of John F. Stack (the "Trust").

WHEREAS, title to the property described in Exhibit A (the "Property") is held by Chicago Title and Trust Company as trustee under Land Trust No. 40966 (the "Land Trust"). The beneficiary of the Land Trust is the Trust. The Northern Trust Bank/Lake Forest is the trustee of the Trust.

WHEREAS, U.S. EPA intends to conduct certain response actions at the Property pursuant to its response and enforcement responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. §§ 9601 *et seq.* ("CERCLA").

WHEREAS, U.S. EPA has requested that the Trust authorize U.S. EPA and its officers, employees, contractors and authorized representatives to enter and otherwise have access to the Property for the purpose of undertaking certain response actions, more fully described in the Engineering Evaluation and Cost Analysis performed by Ecology and Environment, Inc., dated October 30, 1997.

NOW, THEREFORE, the Trust consents to access to the Property as follows:

1. Without admitting any liability and reserving all rights and defenses, the Trust authorizes U.S. EPA and its officers, employees, contractors and authorized representatives to enter and have continued access to the Property, during the pendency of this Consent for Access to Property, for the following purposes only:

   A. Securing the Property and containing hazardous materials present on the Property.

   B. Conducting sampling and investigatory activity on the Property.

   C. Consolidating, stockpiling, handling, studying, treating and disposing of hazardous materials.

   D. Performing other actions to investigate contamination on the Property that U.S. EPA may determine to be necessary.

   E. Taking any response action pursuant to CERCLA necessary to address any release or threatened release of a hazardous substance, pollutant or contaminant which U.S. EPA determines may pose an imminent and substantial endangerment to the public health or the environment.

2. As a condition of, and inducement to enter into, this Consent for Access to Property, U.S. EPA has agreed to cause all contractors, subcontractors and consultants performing, directing or taking part in any work or activities at the Property to maintain insurance coverages at least in the types and limits set forth in Exhibit B attached hereto. Said exhibit being a Certificate of Insurance forwarded by John J. O'Grady of U.S. EPA to Robert M. Baratta, Jr. on August 27, 1998.

3. This Consent for Access to Property, unless extended in writing by the Trust, will terminate on August 1, 1999.

The Northern Trust Company
Successor By Merger to

THE NORTHERN TRUST BANK/LAKE FOREST, AS TRUSTEE UNDER THE 1976 RESIDUARY TRUST OF JOHN F. STACK

By: _____
Its: VICE PRESIDENT
Dated: August 27, 1998

EXHIBIT A

An approximate 6.4 acre parcel of land located at the northeast corner of Commonwealth Avenue and 22nd Street in North Chicago, Lake County, Illinois. The property is bordered on the north by elevated tracks of Elgin, Joliet & Eastern Railroad, on the east by Fansteel, on the south by 22nd Street (a/k/a Martin Luther King, Jr. Drive) and on the west by Commonwealth Avenue. Emco Chemical Distributors, Inc. is located on the west side of the property, west of Commonwealth Avenue.

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY) 08/19/98

PRODUCER
J&H Marsh & McLennan of PA, Inc.
Six PPG Place, Suite 300
Pittsburgh, PA 15222-5499
Attn: Michael A. Connelly
(412)552-5048

17500-98-99 2MPRP IT

INSURED
International Technology Corp. IT
Corporation & Its Majority Owned
Subsidiary Corporations
2790 Mosside Boulevard
Monroeville, PA 15146-2792

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY LETTER	A	National Union Fire Insurance Co of Pittsburgh, PA
COMPANY LETTER	B	Insurance Company of the State of Pennsylvania
COMPANY LETTER	C	N/A
COMPANY LETTER	D	N/A
COMPANY LETTER	E	Commerce & Industry Insurance Company

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS		
E	GENERAL LIABILITY	3408283	04/01/98	04/01/99	GENERAL AGGREGATE	$	2,000,000
	X COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OP AGG.	$	2,000,000
	CLAIMS MADE X OCCUR.				PERSONAL & ADV. INJURY	$	2,000,000
	OWNER'S & CONTRACTOR'S PROT.				EACH OCCURRENCE	$	2,000,000
					FIRE DAMAGE (Any one fire)	$	
					MED. EXPENSE (Any one person)	$	
A	AUTOMOBILE LIABILITY	DA-320-87-63 (AOS)	04/01/98	04/01/99	COMBINED SINGLE LIMIT	$	2,000,000
	X ANY AUTO	DA-320-87-64 (TX)					
	ALL OWNED AUTOS				BODILY INJURY (Per person)	$	
	SCHEDULED AUTOS						
	HIRED AUTOS				BODILY INJURY (Per accident)	$	
	NON-OWNED AUTOS						
	GARAGE LIABILITY				PROPERTY DAMAGE	$	
E	EXCESS LIABILITY	6081738	04/01/98	04/01/99	EACH OCCURRENCE	$	5,000,000
	X UMBRELLA FORM				AGGREGATE	$	5,000,000
	OTHER THAN UMBRELLA FORM						
B	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	RMWC803-93-97(AOS)	04/01/98	04/01/99	X STATUTORY LIMITS		
		RMWC803-94-18(CA)			EACH ACCIDENT	$	2,000,000
		RMWC803-94-02(IL/LA)			DISEASE-POLICY LIMIT	$	2,000,000
		RMWC803-93-75(OR/UT)			DISEASE-EACH EMPLOYEE	$	2,000,000
	OTHER						

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS (LIMITS MAY BE SUBJECT TO RETENTIONS)
Transtar/EL&E Railway Company, their Officers, Directors, Stockholders, Employees, and Agents are Named as Additional Insured as respects the attached Additional Insured Indorsement. See Attached Waiver of Subrogation.
Re: JI Job No. 920872. Contract No. 45-94-00083. Coverage is Provided within 50 feet of the railroad.

CERTIFICATE HOLDER

EL&E Railway Company
One North Buchanan Street
Gary, IN 46402

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ACORD 25-S (7/90)

EXHIBIT B

APPENDIX B
PRE-CONSTRUCTION MEETING MINUTES

MEMO

DATE: August 28, 1998

TO: Joe Nolan, USACE Rapid Response

FROM: James Horn, OHM/IT Corp.

PC: Tom Westenburg, USACE Rapid Response
Brad Benning, USEPA Region V
Tom Warren, OHM/IT Corp.

RE: Preconstruction meeting with the City of North Chicago, North Chicago Fire Dept., North Chicago Police Dept., USEPA, USACE, OHM/IT Corp., EMCO, Fansteel Corp., and R. Levin & Sons.

This memo is a record of questions and answers that were brought up during an informational meeting which was held on August 11, 1998. Attached is a listing of the attending parties.

Question:
What will the working schedule be?
Answer:
We plan on working 10 hours a day and 6 days a week, weather permitting, and we do work in the rain.

Question:
How long will the project last?
Answer:
The complete project was estimated for 71 days of which 42 days was planned for the on-site activities.

Question:
Will local traffic be affected or changed?

Answer:

We don't anticipate having a major impact on the local traffic. Signs will be posted identifying an increase of truck traffic during the load out operations. We plan on keeping the trucks off of the streets, as much as possible, through scheduling and allowing them to pull onto the property.

Question:

Will there be parking restriction imposed?

Answer:

We will attempt to minimize the impact on parking, knowing that parking is a premium in this area.

Question:

When will you ship the waste out for disposal?

Answer:

We plan on shipping 6 days a week, which will be dependant on the Disposal facility.

Question:

How do you plan on leaving the property?

Answer:

The plans are to backfill up to the original grade then have it seeded.

Question:

Where do you plan on sending the excavated materials, a Wisconsin Disposal Facility?

Answer:

Several Disposal facilities have been identified but final decisions as to which ones we plan on using have not been made at this time.

Question:

Will you wait to backfill after you are done excavating?

Answer:

We plan on backfilling right behind the excavation activities.

Question:

How do we plan on keeping the city streets clean.

Answer:

We have a decon pad where all of the trucks leaving our site will have their wheels cleaned with a pressure washer before pulling out of the gates.

Question:

Who do we call or refer inquiries to, should we field local community questions?

Answer:

Brad Benning will be on site from time to time, and his phone number (847-473-4098) will be posted on the gate. The USEPA also has a public relations person, Naomi Emrick, who will also be glad to field any questions. Jim O'grady may also be available should the need arises. Phone numbers were given at this time.

Question:

Will you have site security?

Answer:

We have already employed Metro Security services, but only for non-working hours.

Question:

Will you need any Emergency Services

Answer:

We have contacted the local Fire Department, Ambulance service, Police department, and St.Therese Hospital. Their phone numbers and directions to the Hospital are posted.

Question:

Have trucking routes been identified?

Answer:

Not at this time, but we do only plan on using routes capable of handling the truck traffic.

Question:

Having fenced in the property, if we need access due to an emergency will we be able to access the property?

Answer:

We have fenced in one of Commonwealth Edison's main transmission poles and fenced off access to another one of their poles. If there is a special situation where there is a need to access the transmission poles we will work with Commonwealth, to allow access.

Question:

Do we plan on leaving the fence up or will we take it down?

Answer:

We can leave it up or take it down, there were no plans to remove it at this time.

Comment:

The city would have preferred not to have barb wire on the fence. There is a city ordinance not to install barb wire on new fence installations.

Question:

When do we plan on starting the excavation?

Answer:

We plan to start within about 2 weeks.

Question:

Do we plan on sending out flyers or informational inquiries?

Answer:

If any one has any questions regarding this site they can contact the USEPA. We will also run an ad in the local paper to let people know when we plan to start the trucking operations.

Question:

Are we going to clean the creek?

Answer:

The creek is not part of this phase at this time, but the USEPA is may include it if the funding is available.

Comment:

EMCO and Fansteel have been very cooperative with supporting our activities. Appreciation was given to EMCO for providing the facilities for this meeting.

Question:

Do we plan on leaving the stone, which was placed for the office trailers.

Answer:

The stone placed in the support area is also part of the planned removal. The stone is being used as a barrier, to separate us from the contaminants.

Request:

The City of North Chicago Building Commissioner requested a copy of the work plan.

Comment:

It was mentioned that 2 copies were given to the City of North Chicago Engineer, Bruce Burris.

Comment:

The personnel directly involved with this project are;

John O'Grady	USEPA, Region V
Brad Benning	USEPA, Region V
Tom Westenburg	USACE, Rapid Response
Joe Nolan	USACE, Rapid Response
Tom Warren	OHM/IT Corp.
James Horn	OHM/IT Corp.

Information generated to support this project, has come from the;

Engineering and Evaluation Report
Work Plan
Site Safety and Health Plan

Comment:

We plan on bridging the creek so the trucks can enter the property from the west side of the property and exit the support zone area onto Martin Luther King Jr. Drive from the south gate.

Question:

Will the City of North Chicago be provided with the plans for the temporary creek bridge? What size culvert do we plan on installing and will it meet the 10 year storm requirements?

Answer:

We can provide a copy of the plans for a temporary dirt bridge. The culvert dimensions will meet or exceed the existing culverts now in place.

Question:

Site drainage, will it be changed or impacted?

Answer:

We plan on backfilling to the original grade. At this time is looks as though the site naturally drains to the creek.

Question:

Future use of the property, will the government take ownership of the property and how clean will the site be once this project has been completed?

Answer:

The clean up criteria established for this property was for a light industrial lead standard of <1400 PPM. For residential the standard is < 400 PPM. Future use of the site has not been discussed at this time. It is in a trust and the USEPA is not interested in owning property or maintaining it as unusable. Although the USEPA does have an interest in recovering, if not all, some of the costs to this clean up. The USEPA will work with the County, City, etc. to make use of this property.

Question:

Once the clean up is over with, will there be construction limitations attached to the lease that will forbid building construction?

Answer:

The USEPA does not anticipate this as being a problem or even an issue once the clean up activities have been completed.

Question:

What do we plan on doing about the dust from the site activities?

Answer:

The project work plan has incorporated a water truck to control dust emissions, in addition, water hoses will also be utilized as needed. Dust emissions are a major concern and we plan on being proactive so it will not be an issue.

Question:

Is there a final grading plan?

Answer:

The plan is to backfill to the original grade with a slight slope to the creek, which may or may not entail some minor reshaping.

Question:

When will the backfill start?

Answer:

There may be a 2 to 3 week lag between the excavation activities and backfilling activities, but we still plan on starting the backfilling as soon as the activities allow us. Backfilling is planned on being concurrent with the excavating activities.

Question:

Are you planning on removing all of the trees?

Answer:

If we don't clean the creek, not all of the trees will be removed.

U. S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT
RAPID RESPONSE
RECORD OF ATTENDANCE

PROJECT: Vulcan Louisville Smelting Site, DACW45-94-D-0005, Delivery Order No. 55.

LOCATION: North Chicago, IL.

MEETING: Preconstruction DATE: 8/11/98

NAME (Please Print)	TITLE	ORGANIZATION	PHONE NO.
Joe Nolan	Con Rep	USACE	302-5775
Stuart Levy	ops mgr	EMCO	689-2200
Tom Warren	Project Manager	OHM/IT.	(630) 759-9462
Richard Turner	CHIEF	NCFD	847-578-7757
Bruce Burris	City Eng.	North Chicago	578-7742
John O'Grady	RPM	USEPA	(312) 886-1477
Brad Benning	OSC	USEPA	312 353-7613
Dennis Caldwell	Env. Coordinator	R. Levin & Sons	689-4300
Tom Westenburg	US Army Corps/Engrs	Project Engineer	402/293-2530
Gene Kacmarcik	Supv. Facility Eng'r	Fansteel	847/689-4900
Mike McEntee	VP-CFO	Fansteel	847/689-4900
Gerald V Pedrin	Dep. Police Chief	N.C.PD	847-578-7784
Steve Sabourin	CD+P	City of No Chgo.	(847) 578-7754
James C Stack	Building Commissioner	N Chicago	847-578-7435
Jack P. Jordan	Asst Building commissioner	N. Chicago	847-578-7765

U. S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT
RAPID RESPONSE
RECORD OF ATTENDANCE

PROJECT: Vulcan Louisville Smelting Site, DACW45-94-D-0005, Delivery Order No. 55.

LOCATION: North Chicago, IL.

MEETING: Preconstruction DATE: 8/11/98

NAME (Please Print)	TITLE	ORGANIZATION	PHONE NO.
Laura Gurvey	General Counsel	EMCO Chemical	689-2200

APPENDIX C
RAILROAD ACCESS AGREEMENT

EJ&E RAILWAY COMPANY

MAINTENANCE OF WAY DEPARTMENT
1 NORTH BUCHANAN STREET
GARY, IN 46402
FAX # (219) 883-4257

DATE: 9/15

TO: Joe Loretto FROM: Tina Frost

COMPANY: OHM PHONE:

FAX # # OF PAGES TO FOLLOW: 2

MESSAGE: Following is a Temp. Permit for your job 92C892 - North Chicago.

cy: MSH
RWW

W.O. 1365 if flagging is necessary

****

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEDGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE.

If the reader of this message is not the intended recipient or an employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us by mail. Thank you.

If there are any problems receiving this telecopy, please call 219-883-4306.

EJ&E RAILWAY COMPANY
TEMPORARY PERMIT TO ENTER UPON PROPERTY

PERMISSION is hereby granted this 21 day of SEPTEMBER 1998 to OHM/INTERNATIONAL TECHNOLOGY CORP., hereinnafter called "Permittee" to enter property of the EJ&E Railway, hereinafter called "Railroad", for the purpose of OBTAINING SAMPLES AND EXCAVATING POTENTIALLY CONTAMINATED SOIL in the County of _____, City of NORTH CHICAGO in the State ILLINOIS under the following terms and conditions:

1. LOCATION AND ACCESS: MARTIN LUTHER KING DR. & COMMONWEALTH AVE.

2. LIABILITY: Permittee shall release, indemnify, defend, and save harmless the Railroad and any of its parent, subsidiary and affiliated companies, its or their directors, officers, employees, agents, contractors, subcontractors and suppliers (except Permittee and any of its agents, contractors, subcontractors and suppliers), from and against any and all detriment, damages, losses, claims, liabilities, demands, suits, costs or expenses, including counsel fees, which the Railroad may suffer, and become obligated to pay or sustain, or be subject to, directly or indirectly, for personal injury, death or property damage suffered by anyone whosoever (including Railroad and Permittee and their employees) and arising out of or caused either wholly or in part by reason of work performed on the Railroad's property by Permittee and/or his contractor, agents, employees, subcontractors and suppliers, regardless of the Railroad's fault or negligence. Permittee agrees that his use of the property and right of way of the Railroad will be in compliance and conformity with all applicable laws, ordinances, rules, regulations and requirements of all public authorities.

3. CONSIDERATION: Permittee will pay to the Railroad the sum of TWO HUNDRED AND FIFTY dollars ($250) in partial consideration for the preparation of this permit.

4. STARTING OF USE OF PROPERTY: Permittee or his contractor shall notify in writing the Chief Engineer, or his designee, at least fourteen (14) days in advance before entering upon or starting any work upon Railroad property. No entry or use of Railroad property will be permitted until this permit is signed, charges thereunder paid, and written permission received from the Chief Engineer, D. R. Ojard. When requested, plans and/or a written description of the proposed work methods will be required. The permittee shall provide the following information for all contractors and subcontractors:

Name of Firm OHM/IT Corp
Home Office Address 2790 Mosside Blvd. Monroeville PA 15146
Project Supervisor with Phone Number Jim Horn (847) 473-1693
On-Site Contact Person with Phone Number Jim Horn (847) 473-1693
Subcontractor name n/a

5. SAFETY EQUIPMENT: Each contractor employee, as a minimum, must wear a hard hat, steel toed safety boots with a minimum 8" height, safety glasses and other protective equipment as required for the task, e.g. gloves or respirator.

6. RAILROAD OPERATIONS: All operations shall be carried on in such a manner so as not to interfere with Railroad property and operations or the use of any Railroad facilities. If, in the opinion of the said Chief Engineer of the Railroad, or his designee, conditions warrant at any time, the Railroad will provide flag service and protection and/or engineering inspection at the expense of the Permittee, and Permittee agrees to pay to the Railroad the full cost and expense therefor.

7. CROSSING TRACK: In no event shall equipment or material be transported across a track or tracks without special written permission and with at least written notice of forty-eight (48) hours in advance, so that the Railroad may arrange for the necessary flag protection at the expense of the Contractor and Contractor agrees to pay to the Railroad the full cost and expense therefor. Such written permission shall be obtained from the said Chief Engineer of the Railroad or his designee.

8. CLEARANCES: All equipment working on or material in use upon the property of the Railroad shall be kept at all times not less than fifteen (15) feet from the nearest rail of any track, or as subsequently modified in writing by the said Chief Engineer or his designee. The Permittee and/or his contractor shall conduct his operations so that no part of his equipment shall foul an operated track, transmission, signal or communication lines, or any other structure of the Railroad.

9. RESTORATION OF PREMISES: Upon completion of the work, the Railroad's property shall be left in a condition satisfactory to the Railroad. This includes, without limitation, the restoration immediately of any fences removed.

10. TERM OF PERMIT: Unless subsequently modified or terminated, this permit shall extend until Oct. 20, 1998 at which time it shall expire automatically. The Permittee agrees to notify, in writing, the Railroad when use of the property or work is completed. Under no circumstances shall this temporary permit be construed as granting the Permittee any right, title or interest of any kind or character in, or about the land or premises of the Railroad.

11. INSURANCE: Permittee and his contractor shall furnish the Chief Engineer of the Railroad, or his designee, written evidence of his insurance coverage which must be in full force throughout this agreement. Said insurance shall be at the expense of permittee or contractor and shall be in compliance with the conditions described on exhibit attached.

12. MODIFICATIONS IN WRITING ONLY: Any modification, addition or deletion to this Agreement shall be in writing and signed by the parties thereto.

ASSIGNABILITY: Permittee shall not assign its rights and liabilities under this Agreement to another party without railroad's written consent.

14. SURVIVAL CLAUSE: Termination of this Agreement, for whatever reason, shall not diminish or affect in any way any rights or obligations which accrued under this Agreement prior to such termination.

15. SEVERABILITY: Any terms within this Agreement which are adjudged or construed to be illegal, invalid or unconstitutional shall be stricken from the Agreement. The unaffected terms of this Agreement shall remain in effect as though the illegal, invalid or unconstitutional terms never were a part of this Agreement.

16. ENTIRE AGREEMENT: This written document represents the enter agreement and understanding of the parties. No prior terms, provisions, understandings, negotiations or promises are a part of this Agreement unless embodied herein.

To confirm your acceptance of the above conditions, please return both signed copies of permit to this office at One North Buchanan Street, Gary, Indiana 46402.

AGREED TO AND ACCEPTED:
OHM INTERNATIONAL TECHNOLOGY CORP.

BY: [signature]

TITLE: Project Manager

DATE: 9/2/98

EJ&E RAILWAY COMPANY

BY: D R Ojard

TITLE: Chief Engineer

DATE: 9/4/98

ELGIN, JOLIET AND EASTERN RAILWAY COMPANY
1 NORTH BUCHANAN STREET · GARY, INDIANA 46402
219 / 883-4307 · FAX 219 / 883-4257

DENNIS R. OJARD, P.E.
CHIEF ENGINEER

October 30, 1998

Mr. Joe Gaietto
OHM Corporation
1120 Martin Luther King Dr.
North Chicago, IL 60064

RE: OHM Job #920892
North Chicago Job Site

Mr. Gaietto:

Reference is made to OHM's Temporary Permit to use EJ&E property to obtain samples and excavate contaminated soil near the intersection of Martin Luther King Dr. and Commonwealth Avenue in North Chicago, Illinois.

It has come to my attention that your permit expired on October 20, 1998 and that your work at subject location is not yet complete. I have extended the expiration of the permit until November 20, 1998 (copy attached). Please arrange to forward a check in the amount of $300 to cover the additional 30 days of participation in our Blanket Railroad Protective Insurance policy.

If your work will not be complete prior to the November 20 expiration, please contact this office.

Sincerely,

DR Ojard

Dennis R. Ojard, P.E.
Chief Engineer

attachment

EJ&E RAILWAY COMPANY
TEMPORARY PERMIT TO ENTER UPON PROPERTY

PERMISSION is hereby granted this 21 day of SEPTEMBER 1998 to OHM/INTERNATIONAL TECHNOLOGY CORP., hereinafter called "Permittee" to enter property of the EJ&E Railway, hereinafter called "Railroad", for the purpose of OBTAINING SAMPLES AND EXCAVATING POTENTIALLY CONTAMINATED SOIL in the County of _____, City of NORTH CHICAGO in the State ILLINOIS under the following terms and conditions:

1. LOCATION AND ACCESS: MARTIN LUTHER KING DR. & COMMONWEALTH AVE.

2. LIABILITY: Permittee shall release, indemnify, defend, and save harmless the Railroad and any of its parent, subsidiary and affiliated companies, its or their directors, officers, employees, agents, contractors, subcontractors and suppliers (except Permittee and any of its agents, contractors, subcontractors and suppliers), from and against any and all detriment, damages, losses, claims, liabilities, demands, suits, costs or expenses, including counsel fees, which the Railroad may suffer, and become obligated to pay or sustain, or be subject to, directly or indirectly, for personal injury, death or property damage suffered by anyone whosoever (including Railroad and Permittee and their employees) and arising out of or caused either wholly or in part by reason of work performed on the Railroad's property by Permittee and/or his contractor, agents, employees, subcontractors and suppliers, regardless of the Railroad's fault or negligence. Permittee agrees that his use of the property and right of way of the Railroad will be in compliance and conformity with all applicable laws, ordinances, rules, regulations and requirements of all public authorities.

3. CONSIDERATION: Permittee will pay to the Railroad the sum of TWO HUNDRED AND FIFTY dollars ($250) in partial consideration for the preparation of this permit.

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On-Site Contact Person with Phone Number Jim Horn (842) 473-1693
Subcontractor name n/a

5. SAFETY EQUIPMENT: Each contractor employee, as a minimum, must wear a hard hat, steel toed safety boots with a minimum 8" height, safety glasses and other protective equipment as required for the task, e.g. gloves or respirator.

6. RAILROAD OPERATIONS: All operations shall be carried on in such a manner so as not to interfere with Railroad property and operations or the use of any Railroad facilities. If, in the opinion of the said Chief Engineer of the Railroad, or his designee, conditions warrant at any time, the Railroad will provide flag service and protection and/or engineering inspection at the expense of the Permittee, and Permittee agrees to pay to the Railroad the full cost and expense therefor.

. CROSSING TRACK: In no event shall equipment or material be transported across a track or tracks without special written permission and with at least written notice of forty-eight (48) hours in advance, so that the Railroad may arrange for the necessary flag protection at the expense of the Contractor and Contractor agrees to pay to the Railroad the full cost and expense therefor. Such written permission shall be obtained from the said Chief Engineer of the Railroad or his designee.

ENTERED

8. CLEARANCES: All equipment working on or material in use upon the property of the Railroad shall be kept at all times not less than fifteen (15) feet from the nearest rail of any track, or as subsequently modified in writing by the said Chief Engineer or his designee. The Permittee and/or his contractor shall conduct his operations so that no part of his equipment shall foul an operated track, transmission, signal or communication lines, or any other structure of the Railroad.

9. RESTORATION OF PREMISES: Upon completion of the work, the Railroad's property shall be left in a condition satisfactory to the Railroad. This includes, without limitation, the restoration immediately of any fences removed.

10. TERM OF PERMIT: Unless subsequently modified or terminated, this permit shall extend until ~~Oct. 20, 1998~~ Nov. 20, 1998 at which time it shall expire automatically. The Permittee agrees to notify, in writing, the Railroad when use of the property or work is completed. Under no circumstances shall this temporary permit be construed as granting the Permittee any; right, title or interest of any kind or character in, or about the land or premises of the Railroad.

11. INSURANCE: Permittee and his contractor shall furnish the Chief Engineer of the Railroad, or his designee, written evidence of his insurance coverage which must be in full force throughout this agreement. Said insurance shall be at the expense of permittee or contractor and shall be in compliance with the conditions described on exhibit attached.

12. MODIFICATIONS IN WRITING ONLY: Any modification, addition or deletion to this Agreement shall be in writing and signed by the parties thereto.

13. ASSIGNABILITY: Permittee shall not assign its rights and liabilities under this Agreement to another party without ilroad's written consent.

14. SURVIVAL CLAUSE: Termination of this Agreement, for whatever reason, shall not diminish or affect in any way any rights or obligations which accrued under this Agreement prior to such termination.

15. SEVERABILITY: Any terms within this Agreement which are adjudged or construed to be illegal, invalid or unconstitutional shall be stricken from the Agreement. The unaffected terms of this Agreement shall remain in effect as though the illegal, invalid or unconstitutional terms never were a part of this Agreement.

16. ENTIRE AGREEMENT: This written document represents the enter agreement and understanding of the parties. No prior terms, provisions, understandings, negotiations or promises are a part of this Agreement unless embodied herein.

To confirm your acceptance of the above conditions, please return both signed copies of permit to this office at One North Buchanan Street, Gary, Indiana 46402.

AGREED TO AND ACCEPTED:
OHM INTERNATIONAL TECHNOLOGY CORP.

BY: [signature]

TITLE: Project Manager

DATE: 9/2/98

EJ&E RAILWAY COMPANY

BY: [signature]

TITLE: Chief Engineer

DATE: 9/4/98

APPENDIX D
WASTE PROFILE FORMS

BROWNING-FERRIS INDUSTRIES

WCD NO. AZ 45882

BFI WASTE CODE

WASTE APPROVAL REQUEST

BFI to complete this area.

BFI Initiator: _____

Location: _____

Company Number: _____

Telephone: ( ) _____

Fax: ( ) _____

Date: _____

Action Requested: ☒ New Waste Approval

☐ Up-Date Approval - Previous Number: _____

Disposal Site Requested: _____

Company Number: _____

Management Method Requested: ☒ Landfill ☐ Hauling

☐ Other: _____

WASTE CHARACTERIZATION DATA
SPECIAL WASTE

IMPORTANT: INFORMATION FOR PHYSICAL COMPLETION OF THIS FORM MUST BE OBTAINED FROM AN AUTHORIZED REPRESENTATIVE OF THE WASTE GENERATOR. PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS FORM. THIS FORM IS TO BE USED ONLY ONE TIME, AND MUST BE TYPEWRITTEN OR LEGIBLY PRINTED IN INK, AND SIGNED.

1. GENERATOR INFORMATION

a) Generator's Name: United States Environmental Protection Agency

b) Generating Facility's Address: 1120 Martin Luther King Dr.

City: North Chicago State: IL Zip: 60064

Generator's Representative: John O'Grady

Title: Remedial Project Manager

Telephone: (312) 886-4071

Fax: ( ) N/A

d) Emergency/Information Contact: Don Seem

Title: T&D

Telephone: (314) 272-3303

e) State/Provincial/Local Registration No.: 0971255097

Generator's EPA Id. No.: ILR000054759

Industry Description/SIC Code Superfund/9999

Billing Information

f) Customer's Name: OHM / IT Corp

g) Customer's Mailing Address: 1120 Martin Luther King Dr.

City: North Chicago State: IL Zip: 60064

h) Billing Contact: Joe Gaietto

Telephone: (847) 473-1693

Fax: (847) 473-1697

2. GENERAL WASTE STREAM INFORMATION

a) Name/Description of the Waste: Lead impacted treated soils.

b) Process Generating the Waste: A lead smeltering facility which contaminated the facility area during a manufacturing process. The soil and debris initially exhibited characteristics of a RCRA hazardous waste but through chemical fixation/stabilization, produced acceptable levels below regulated limits.

c) Is this waste a characteristically hazardous waste as per 40 CFR 261.21-24? ☐ Yes ☒ No ☐ N/D

d) Is this waste an F,K,P, or U listed hazardous waste as per 40 CFR 261.32-33? ☐ Yes ☒ No ☐ N/D

e) Is this waste a treatment residue of a waste which was previously a characteristically hazardous waste? ☒ Yes ☐ No ☐ N/D

If yes, describe the waste, applicable code(s), and the process generating the waste prior to treatment. The soils and debris contained levels of lead above the regulatory levels of 5ppm. The applicable waste code was (D008) and based on confirmatory analysis, will be treated to below these standards. Lead smeltering facility was the process.

f) Is this a "Hazardous Waste" as defined by State, Provincial, or Local Regulations? ☐ Yes ☒ No ☐ N/D

If yes, enter the Waste Identification Number if one has been assigned: _____

g) Recommended personal protection equipment and special handling procedures: Wear proper protective clothing when working with this waste stream.

BFI WASTE CODE

3. WASTE PROPERTIES AT 72°F

a) Physical State: XX Solid ☐ Semi-solid ☐ Powder ☐ Free Liquid ☐ Combination

b) Reactivity: ☐ Water Reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Autopolymerizable ☐ Pyrophoric ☐ Explosive ☐ Thermally Sensitive ☐ Shock Sensitive XX None of the above

c) Flash Point, °F:
☐ ≤ 72 ☐ 73-100 ☐ 101-140 ☐ 141-200 ☒ ≥ 201 N/A ☐ N/D

d) pH:
☐ ≤ 2 ☐ 2.1 - 5.0 5.1 - 9.0 ☒ 9.1 - 12.4 ☐ ≥12.5 ☐ N/A ☐ N/D

e) Odor - describe
XX None ☐ Mild ☐ Strong

4. WASTE COMPOSITION

Please provide a breakdown of the waste stream based upon generator knowledge of the waste and the process(s) generating the waste stream.

Does this waste contain any of the following:	Components/Contaminants	Range (%)
☐ Free Cyanide	Soil	95%-100%
☐ Free Sulfide	Lead	.005%-.05%
☐ Organic Solvents	Avenmaq & Enviropho/ see attached MCDS	4%-6%
☐ OSHA Substances		
☐ Radioactive Materials		
☐ Virgin Oils		
☐ Used Oils		
☐ Etiological Agents		
☐ PCB'S not regulated by TSCA 40 CFR 761		
XX None of the Above		
If any of the above are marked, please specify in waste breakdown at right		

5. TRANSPORTATION INFORMATION

If the waste is a DOT Hazardous Material, complete the following:

Proper USDOT Shipping Name: RQ, Environmentally Hazardous Substances, Solid,n.o.s.(Lead),

USDOT Hazard Class: 9 UN or NA Number: UN3077 CERCLA Reportable Quantity RQ=10lb

6. GENERATOR'S CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of composition or properties exist, that all known or suspected hazards have been disclosed, analytical results submitted are accurate and representative of the waste (per SW846), and that the waste is not a regulated hazardous waste by the USEPA, by an applicable State or Provincial authority, or by any applicable local authority, and does not contain PCBs regulated by TSCA (i.e., 40 CFR 761) or any Provincial authority.

GENERATOR'S AUTHORIZED SIGNATORY: ON BEHALF OF THE USEPA

XX DATE: 10/14/98

XX PRINT NAME: JOSEPH O. NOLAN XX SIGNATURE: [signature] XX TITLE: OSR USACE

XX TELEPHONE: (847) 473-1695 XX FAX: (847) 473-1697
OMAHA 402 293-2500 402 291-8177

October 14, 1998

Mr. Jim Lewis
Facility Manager
BFI / Zion Landfill
701 Green Bay Road
Zion, IL. 60099
(847) 731-5110 ext 224
(847) 746-0666

Mr. Lewis,

This following is a response and certification, that has been requested by your facility (BFI / Zion Landfill; Zion, IL.), regarding the waste stream at the USEPA Vacant Lot Site, 1120 Martin Luther King Drive at North Chicago, IL. 60064.

In accordance with 40 CFR 268.2(k) the waste stream definition is as follows:

Soil means unconsolidated earth material composing the superficial geologic strata (material overlying bedrock), consisting of clay, silt, sand, or gravel size particles as classified by the U.S. Conservation Service, or a mixture of such materials with liquids, sludges or solids which is inseparable by simple mechanical removal processes and is made up primarily of soil by volume based on visual inspection.

Based on this definition, the site profiled waste stream (BFI-45882) meets the definition of soil. If there are further questions or concerns, please feel free to contact me.

Sincerely,

Joseph D. Nolan

Joseph D. Nolan
United States Army Corps of Engineers
On Behalf of USEPA
Vacant Lot Site
1120 Martin Luther King Drive
North Chicago, IL. 60064
(847) 473-1695
(847) 473-1697/ Fax

Special Waste Preacceptance Form (Profile Identification Sheet)

Facility Name: Vacant Lot Site
Facility I.D. No.: ILR000054759
Facility Address: 1120 Martin Luther King Dr
Generator Contact Person: John O'Grady
Generator Name: USEPA
Generator Mailing Address: Same (If Different)
Generator Address: 77 West Jackson Blvd
Phone Number: (312) 353-7613
IL Generator I.D. No.: 0971255097
Transporter: Jack Gray Transport, Inc.
Generator SIC Code: 9999
Transporter Phone: (800) 537-9813

This is a: xxx Pollution Control Waste, ____ Industrial Process Waste as defined in Section 3 of the Act.

Process Description: Lead impacted soils that were treated to below regulated levels.
Generic Waste Name: Lead impacted soil
Ultimate Disposal: direct landfill

Analysis

(leave blank any constituent for which analysis has not been conducted)

Physical Characteristics: Brown solid (e.g. color, odor)
Major Constituents: Lead / Envirophо & Amenymag

Paint Filter Test: Pass (Indicate pass or fail)
Penetrometer Test: N/A (Indicate pass or fail in accordance with the procedures in 35 Ill. Adm. Code 729.321)

Waste Phase: Solid (Indicate solid, liquid, semi solid or compressed gas)
Flash Point °F: N/A
Percent Solids: 90%-97%

Percent Acidity/Alkalinity: N/A
pH (for aqueous wastes only): 9.6

	Constituent	Regulatory Threshold Level, ppm	PQL (ppm)	Results of the Analysis TCLP
D004	Arsenic	5.0	<5.0	N/A
D005	Barium	100.0	<100.0	ND
D006	Cadmium	1.0	<1.0	0.042
D007	Chromium	5.0	<5.0	ND
D008	Lead	5.0	<5.0	0.21
D009	Mercury	0.2	<0.2	ND
D010	Selenium	1.0	<1.0	ND
D011	Silver	5.0	<5.0	ND
D012	Endrin	0.02	<0.02	ND
D013	Lindane	0.4	<0.4	ND
D014	Methoxychlor	10.0	<10.0	ND
D015	Toxaphene	0.5	<0.5	ND
D016	2,4-D(2,4-Dichloro phenoxyacetic acid)	10.0	<10.0	____
D017	2,4,5-TP Silvex	1.0	<1.0	____
D018	Benzene	.05	<.05	ND
D019	Carbon tetrachloride	0.5	<0.5	ND
D020	Chlordane	0.03	<0.03	ND
D021	Chlorobenzene	100.0	<100.0	ND
D022	Chloroform	6.0	<6.0	ND
D023	o-Cresol	200.0	<200.0	ND
D024	m-Cresol	200.0	<200.0	ND
D025	p-Cresol	200.0	<200.0	ND

	Constituent	Regulatory Threshold Level, ppm	PQL (ppm)	Results of the Analysis
D026	Cresol	200.00	<200.00	ND
D027	1,4-Dichlorobenzene	7.5	<7.5	ND
D028	1,2-Dichloroethane	0.5	<0.5	ND
D029	1,1-Dichloroethylene	0.7	<0.7	ND
D030	2,4-Dinitrotoluene	0.13	<0.13	ND
D031	Heptachlor (and its epoxide)	0.008	<0.008	ND
D032	Hexachlorobenzene	0.13	<0.13	ND
D033	Hexachlorobutadiene	0.5	<0.5	ND
D034	Hexachloroethane	3.0	<3.0	ND
D035	Methyl ethyl ketone	200.0	<200.0	ND
D036	Nitrobenzene	2.0	<2.0	ND
D037	Pentachlorophenol	100.0	<100.0	ND
D038	Pyridine	5.0	<5.0	ND
D039	Tetrachloroethylene	0.7	<0.7	ND
D040	Trichloroethylene	0.5	<0.5	ND
D041	2,4,5-Trichlorophenol	400.0	<400.0	ND
D042	2,4,6-Trichlorophenol	2.0	<2.0	ND
D043	Vinyl Chloride	0.2	<0.2	ND
	Reactive Sulfide		— —	ND
	Reactive Cyanide		— —	ND
	Phenols		— —	1.9
	EOX/TOX (circle one)		— —	ND
	PCBs			ND

Is the certification form attached which certifies the absence of each constituent for which analysis has not been conducted (non-commingled hazardous waste only): Yes_____ No XX

The above analysis has been conducted in accordance with SW-846 Test Methods for Evaluation of Solid Waste. I have reviewed the analysis and the attached certification form (if applicable) and determined that the waste will be: XX accepted _____ rejected in accordance with the terms of our facility operating permit. In addition, I agree to require the generator to recertify annually that this waste has not changed since the preacceptance analysis was conducted.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment. ON BEHALF OF THE USEPA.

X Signature: [signature] (Facility operator or duly authorized Agent)
X Date: 10/14/98
X Printed Name: JOSEPH D. NOLAN
X Title: OSR USACE

TJD\MAS\mls\973273S.WP!

Annual Generator Special Waste Recertification for
Disposal of Special Waste

Generator Name: Vacant Lot Site Illinois ID #: 0971255097

Generic Waste Name: Treated lead impacted soil

Process Which Generated Waste: Smeltering facility which contaminated area with lead. Treatment of soil of from process.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete. I have used intimate knowledge of our process which generates the waste and certify that neither the process generating the waste nor the chemical or physical characteristics of the waste have changed since the preacceptance analysis was conducted on this waste. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

For waste being received for disposal, please certify one of the following by marking it with an "X":

XX There have been no changes in the following since the Special Waste Preacceptance Form was filed:

1. Laboratory analysis (copies to be attached);
2. Raw material in the waste-generating process;
3. The waste-generating process itself;
4. The physical or hazardous characteristics of the waste; and
5. New information on the human health effects of exposure to the waste; or

____ The change in the physical or hazardous characteristic of the waste is not sufficient to require a new special waste profile.

Explain: _____

On behalf of the USEPA

Signature: Joseph D. Nolan Date: 10/14/98
(Facility operator or duly authorized Agent)

Printed Name: Joseph D. Nolan / USACE Title: Construction Representative

Note to Generator: Preacceptance analysis must be conducted at least every five years in accordance with the receiving facility's permit.

TJD/lo/sp/806W/32

AN "ORIGINAL" OF THIS FORM, WHICH HAS BEEN COMPLETED AND SIGNED BY THE GENERATOR, MUST ACCOMPANY EACH LOAD OF WASTE SHIPPED FOR DISPOSAL.

NOTE: THE FORM MUST BE SIGNED AND DATED AT THE TIME THE WASTE IS SHIPPED.

BROWNING-FERRIS INDUSTRIES

WCD NO. AZ 45826

/ / /
BFI WASTE CODE

WASTE APPROVAL REQUEST

BFI to complete this area.

BFI Initiator: _____

Location: _____

Company Number: _____

Telephone: ( ) _____

Fax: ( ) _____

Date: _____

Action Requested: ☒ New Waste Approval

☐ Up-Date Approval - Previous Number: _____

Disposal Site Requested: _____

Company Number: _____

Management Method Requested: ☒ Landfill ☐ Hauling

☐ Other: _____

WASTE CHARACTERIZATION DATA
SPECIAL WASTE

IMPORTANT: INFORMATION FOR PHYSICAL COMPLETION OF THIS FORM MUST BE OBTAINED FROM AN AUTHORIZED REPRESENTATIVE OF THE WASTE GENERATOR. PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS FORM. THIS FORM IS TO BE USED ONLY ONE TIME, AND MUST BE TYPEWRITTEN OR LEGIBLY PRINTED IN INK, AND SIGNED.

1. GENERATOR INFORMATION

a) Generator's Name: United States Environmental Protection Agency

b) Generating Facility's Address: 1120 Martin Luther King Jr Drive

City: North Chicago State: IL Zip: 60064

c) Generator's Representative: John O'Grady

Title: N/A

Telephone: (312) 886-4071

Fax: ( ) N/A

d) Emergency/Information Contact: Don Seem

Title: T+D

Telephone: (314) 272-3303

e) State/Provincial/Local Registration No.: 0971255097

Generator's EPA Id. No.: ILR000054759

Industry Description/SIC Code: Superfund / 9999

Billing Information

f) Customer's Name: OHM Remediation Services Corp

g) Customer's Mailing Address: PO Box 4647

City: Trenton State: NJ Zip: 08650

h) Billing Contact: Rich Pennel

Telephone: (609) 588-6409

Fax: (609) 584-6344

2. GENERAL WASTE STREAM INFORMATION

a) Name/Description of the Waste:

Lead impacted soil + debris

b) Process Generating the Waste: A lead smeltering facility which contaminated facility area during manufacturing process. Remedial activities of the site area.

c) Is this waste a characteristically hazardous waste as per 40 CFR 261.21-24? ☐ Yes ☒ No ☐ N/D

d) Is this waste an F,K,P, or U listed hazardous waste as per 40 CFR 261.32-33? ☐ Yes ☒ No ☐ N/D

e) Is this waste a treatment residue of a waste which was previously a characteristically hazardous waste? ☐ Yes ☒ No ☐ N/D

If yes, describe the waste, applicable code(s), and the process generating the waste prior to treatment. _____

f) Is this a "Hazardous Waste" as defined by State, Provincial, or Local Regulations? ☐ Yes ☒ No ☐ N/D

If yes, enter the Waste Identification Number if one has been assigned: _____

g) Recommended personal protection equipment and special handling procedures: _____

/ / /
BFI WASTE CODE

3. WASTE PROPERTIES AT 72°F

Physical State: ☒ Solid ☐ Semi-solid ☐ Powder ☐ Free Liquid ☐ Combination

b) Reactivity: ☐ Water Reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Autopolymerizable ☐ Pyrophoric ☐ Explosive ☐ Thermally Sensitive ☐ Shock Sensitive ☒ None of the above

c) Flash Point, °F:
☐ ≤ 72 ☐ 73-100 ☐ 101-140 ☐ 141-200 ☐ ≥ 201 ☒ N/A ☐ N/D

d) pH:
☐ ≤ 2 ☐ 2.1 - 5.0 ☒ 5.1 - 9.0 ☐ 9.1 - 12.4 ☐ ≥12.5 ☐ N/A ☐ N/D

e) Odor - describe _____
☒ None ☐ Mild ☐ Strong

4. WASTE COMPOSITION

Please provide a breakdown of the waste stream based upon generator knowledge of the waste and the process(s) generating the waste stream.

Does this waste contain any of the following:	Components/Contaminants	Range (%)
☐ Free Cyanide	Soil/rock/debris	85-95%
☐ Free Sulfide	protective clothing/plastic	2-5%
☐ Organic Solvents	Concrete/brick	3-7%
☐ OSHA Substances	Metal/Recent drums	2-4%
☐ Radioactive Materials	Lead	.005-.05%
☐ Virgin Oils		
☐ Used Oils		
☐ Etiological Agents		
☐ PCB'S not regulated by TSCA 40 CFR 761		
☒ None of the Above		

If any of the above are marked, please specify in waste breakdown at right

5. TRANSPORTATION INFORMATION

If the waste is a DOT Hazardous Material, complete the following:

Proper USDOT Shipping Name: RQ, Environmentally Hazardous Substances, Solid, n.o.s. (lead)

USDOT Hazard Class: 9 UN or NA Number: UN 3077 CERCLA Reportable Quantity: RQ=10 lb

6. GENERATOR'S CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of composition or properties exist, that all known or suspected hazards have been disclosed, analytical results submitted are accurate and representative of the waste (per SW846), and that the waste is not a regulated hazardous waste by the USEPA, by an applicable State or Provincial authority, or by any applicable local authority, and does not contain PCBs regulated by TSCA (i.e., 40 CFR 761) or any Provincial authority.

GENERATOR'S AUTHORIZED SIGNATORY:

DATE: 9-8-98

PRINT NAME: Brad Benning SIGNATURE: [signature] TITLE: USEPA/OSC

TELEPHONE: (312) 353-76[redacted] FAX: (312) 353-9176[redacted]

Special Waste Preacceptance Form (Profile Identification Sheet)

Facility Name: Vacant Lot Site

Facility I.D. No.: ILR000054759

Facility Address: 1120 Martin Luther King Drive

Generator Contact Person: John O'Grady

Generator Name: USEPA

Generator Mailing Address: Same (If Different)

Generator Address: 77 W. Jackson Blvd

Phone Number: 312-353-7613

IL Generator I.D. No.: 0971255097

Transporter: TBD

Generator SIC Code: 9999

Transporter Phone: TBD

This is a: X Pollution Control Waste, ____ Industrial Process Waste as defined in Section 3 of the Act.

BDL = Below detection limit

Process Description: A smelting facility which contaminated facility area during manufacturing process.

Generic Waste Name:

Ultimate Disposal:

ND = Not detect

Analysis

(leave blank any constituent for which analysis has not been conducted)

Physical Characteristics: Brown solid (e.g. color, odor)

Major Constituents: Lead

Paint Filter Test: pass (Indicate pass or fail)

Penetrometer Test: N/A (Indicate pass or fail in accordance with the procedures in 35 Ill. Adm. Code 729.321)

Waste Phase: Solid (Indicate solid, liquid, semi solid or compressed gas)

Flash Point: °F: >200 Percent Solids: 90.8%

Percent Acidity/Alkalinity: N/A

pH (for aqueous wastes only): 7.7

	Constituent	Regulatory Threshold Level, ppm	PQL (ppm)	Results of the Analysis
D004	Arsenic	5.0		BDL
D005	Barium	100.0		6.795 mg/L
	Cadmium	1.0		BDL
	Chromium	5.0		BDL
D008	Lead	5.0		0.416 mg/L
D009	Mercury	0.2		BDL
D010	Selenium	1.0		BDL
D011	Silver	5.0		BDL
D012	Endrin	0.02		BDL
D013	Lindane	0.4		BDL
D014	Methoxychlor	10.0		BDL
D015	Toxaphene	0.5		BDL
D016	2,4-D(2,4-Dichloro phenoxyacetic acid)	10.0		BDL
D017	2,4,5-TP Silvex	1.0		BDL
D018	Benzene	.05		BDL
D019	Carbon tetrachloride	0.5		BDL
D020	Chlordane	0.03		BDL
D021	Chlorobenzene	100.0		BDL
D022	Chloroform	6.0		BDL
D023	o-Cresol	200.0		BDL
D024	m-Cresol	200.0		BDL
D025	p-Cresol	200.0		BDL

	Constituent	Regulatory Threshold Level, ppm	PQL (ppm)	Results of the Analysis
D026	Cresol	200.00		BDL
D027	1,4-Dichlorobenzene	7.5		BDL
D028	1,2-Dichloroethane	0.5		BDL
D029	1,1-Dichloroethylene	0.7		BDL
D030	2,4-Dinitrotoluene	0.13		BDL
D031	Heptachlor (and its epoxide)	0.008		BDL
D032	Hexachlorobenzene	0.13		BDL
D033	Hexachlorobutadiene	0.5		BDL
D034	Hexachloroethane	3.0		BDL
D035	Methyl ethyl ketone	200.0		BDL
D036	Nitrobenzene	2.0		BDL
D037	Pentachlorophenol	100.0		BDL
D038	Pyridine	5.0		BDL
D039	Tetrachloroethylene	0.7		BDL
D040	Trichloroethylene	0.5		BDL
D041	2,4,5-Trichlorophenol	400.0		BDL
D042	2,4,6-Trichlorophenol	2.0		BDL
D043	Vinyl Chloride	0.2		BDL
	Reactive Sulfide			ND
	Reactive Cyanide			ND
	Phenols			ND
	EOX/TOX (circle one)			ND
	PCBs			

Is the certification form attached which certifies the absence of each constituent for which analysis has not been conducted (non-commingled hazardous waste only): Yes Y No ____ Per area

The above analysis has been conducted in accordance with SW-846 Test Methods for Evaluation of Solid Waste. I have reviewed the analysis and the attached certification form (if applicable) and determined that the waste will be: X accepted ____ rejected in accordance with the terms of our facility operating permit. In addition, I agree to require the generator to recertify annually that this waste has not changed since the preacceptance analysis was conducted.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Signature: Brad Benning (Facility operator or duly authorized Agent)

Date: 9-8-98

Printed Name: Brad Benning

Title: USEPA/OSC

TJD\MAS\mls\973273S.WP

Annual Generator Special Waste Recertification for
Disposal of Special Waste

Generator Name: Vacant Lot Site Illinois ID #: 0971255097

Generic Waste Name: Lead impacted soil + debris

Process Which Generated Waste: Smelting facility which contaminated facility area during manufacturing process

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete. I have used intimate knowledge of our process which generates the waste and certify that neither the process generating the waste nor the chemical or physical characteristics of the waste have changed since the preacceptance analysis was conducted on this waste. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

For waste being received for disposal, please certify one of the following by marking it with an "X":

X There have been no changes in the following since the Special Waste Preacceptance Form was filed:

1. Laboratory analysis (copies to be attached);
2. Raw material in the waste-generating process;
3. The waste-generating process itself;
4. The physical or hazardous characteristics of the waste; and
5. New information on the human health effects of exposure to the waste; or

See complete analysis in master file.

_____ The change in the physical or hazardous characteristic of the waste is not sufficient to require a new special waste profile.

Explain: _____

Signature: Brad Benning Date: 9-8-98
(Facility operator or duly authorized Agent)

Printed Name: Brad Benning Title: USEPA/OSC

Note to Generator: Preacceptance analysis must be conducted at least every five years in accordance with the receiving facility's permit.

CNJ/lo/sp/806W/32

Deer Track Park Landfill
A Division of USA Waste
N6757 Waldman Lane
Watertown, WI 53094

Please check if delivery site: ☐

Waste Characterization Profile Form

Profile Number
98/95

Kestrel Hawk Park Landfill
A Division of USA Waste
1989 Oakes Road
Racine, WI 53406
(414) 884-7080
FAX: (414) 884-7096
Please check if delivery site: ☒

Waste Information to be Reviewed for: ☒ Disposal, ☐ Bioremediation, or ☐ Solidification

A. Generator Information

Firm Name USEPA (IW)
Contact Person ~~Joseph Noland~~ Jim Horn
Phone Number (847) 473-1693
Site Address (where material is generated)
1120 Martin Luther King Dr.
North Chicago, IL
60064

B. Billing Information

Firm Name IT Group Project 920892
Address 1120 Martin Luther King Jr. Drive
North Chicago, IL
City, State, Zip 60064
Phone 847-473-1694
Contact Person Joe Gaietto

C. Consultant Information

Firm Name OHM
Firm Address 16406 US Route 224 East
Findlay, OH 45840
Contact Person Don Sean, Jim Horn, Phil Cooley
Phone Number 847-473-1694
FAX Number 847-473-1697

D. Hauler Information

Firm Name To Be Determined
Firm Address
Contact Person
Phone Number
FAX Number
Hauler ID

E. Waste Information

Waste Name Soil
Process Generating Waste excavation
KHP/DTP Waste Category Number A
Anticipated Waste Volume (include units) 20,000 tons
Frequency of Generation once
Name of Lab Performing Analysis Great Lakes Analytical
Date of Most Recent Analysis 10-9-98
Physical State @ 25°C solid
Color DK Brown/Black Odor none
Comments

*For all waste types, attach available pertinent documents, MSDSs, technical bulletins, etc.

F. Generator Warranty

The generator warrants, represents and certifies that this waste is not hazardous waste as specified by NR600 or 40CFR261, that his material does not contain more than 50 ppm of PCB materials, and that this information is representative of the waste.

ON BEHALF OF USEPA
Joseph D. Nolan OSR
Generator's Signature Title
JOSEPH D. NOLAN 10/26/98
Print Name Date

Instructions

For Category A, B, & C Wastes: Complete Section I
For Category D Wastes: Complete Section II
For Category E Wastes: Complete Section III
For Category F Wastes: Complete Section IV

G. Landfill Approval

My approval is based upon a review of the information submitted by the generator.

Technical Reviewer Signature: _____ Date: _____

MIDWEST REGION
GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Waste Profile Sheet Code: MW 471370

Proposed Management Facility: _____

This form is to be used to comply with the requirements of a waste agreement.

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

Decision Expiration Date: / /

A. WASTE GENERATOR INFORMATION

1. Generator Name: United States Environmental Protection Agency
2. SIC Code: Remedial Site
3. Facility Address (site of waste generation): 1120 Martin Luther King Drive
4. Generator City, State: North Chicago, IL
5. Zip/Postal Code: 60064
6. State ID#: 097/255097 EPA ID# ILR000054759
7. Technical Contact: Greg Nordan
8. Phone: (419) 425 - 6055

B. WASTE STREAM INFORMATION (See Instructions)

1. Name of Waste: Lead Contaminated Soils and Debris
2. Process Generating Waste: Remediation/Removal of soils and debris associated with Lead smelting Former facility
3. Amount/Units: up to 20,000 ton
4. Type A ☒ Type B ☐
5. Special Handling Instructions/Supplemental Information: N/A
6. Incidental Waste Types and Amounts: N/A

C. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☒ Bulk Solid ☐ Drum/Box ☐ Other _____

Supplemental Shipping Information:

Proper U.S. DOT Shipping name: RQ Environmentally Hazardous Substances, Solid, n.o.s. (Lead)

DOT Hazard Class 9, UN3077, CERCLA Reportable Quantity RQ = 10 LB.

D. PHYSICAL CHARACTERISTICS OF WASTE (See Instructions) (Omit for Type B)

1. Color	2. Does the waste have a strong incidental odor?	3. Physical State @ 70°F/21°C:	4. Layers	5. Specific Gravity	6. Free Liquids
Brown	☒ No ☐ Yes; if so, describe:	☒ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder ☐ Other:	☐ Multi-layered ☐ Bi-layered ☒ Single Phased	Range 1.6 - 1.8	☐ Yes ☒ No Volume: ___ %

7. pH: ☐ ≤ 2 ☐ > 2 - 4 ☐ 4 - 7 ☐ 7 ☒ 7 - 10 ☐ 10 - < 12.5 ☐ ≥ 12.5 ☒ Range ☐ NA

8. Flash Point: ☐ None ☐ < 140°F/60°C ☐ 140 - 199°F/60 - 93°C ☒ ≥ 200°F/93°C ☐ Closed Cup ☒ Open Cup

E. CHEMICAL COMPOSITION (Omit for Type B)

1.	RANGE (MIN-MAX)
Soil	92% - 95 %
Rock Concrete	3 - 5 %
Debris Protective Clothing	2 - 4 %
Lead	.005 - .05 %
Environmag/Environphos	2 - 4 %
(See attached MSDS)	- %
Metal Debris	1 - 2 %
	- %
	- %
Total:	100 - 110 %

2. Does the waste contain any of the following? (provide concentration if known):

	NO OR	LESS THAN OR	ACTUAL
PCB's	☒	☐ < 50 ppm	___ ppm
Cyanides	☒	☐ < 50 ppm	___ ppm
Sulfides	☐	☒ < 50 ppm	___ ppm
Phenols	☐	☒ < 50 ppm	___ ppm

The total composition must be greater than or equal to 100%. (.0001% = 1 ppm or 1 mg/l)

F. SAMPLING SOURCE (Omit for Type B) (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) Soil Stockpile

G. REPRESENTATIVE SAMPLE CERTIFICATION (Omit for Type B)

1. Print Sampler's Name: James Hoen 2. Sample Date: 10/8/98

3. Sampler's Title: Project Superintendent

4. Sampler's Employer (if other than Generator): OHM/FT. Corp

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature James Hoen 957391 10/26/98

H. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not "Hazardous Waste" as defined by USEPA and/or state regulation.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The waste does not contain regulated concentrations of the following pesticides and herbicides: Chlordane, Endrin, Heptachlor (and it's epoxide), Lindane, Methoxychlor, Toxaphene, 2, 4-D, or 2, 4, 5-TP (Silvex).
4. The waste does not contain halogenated compounds such as: tetrachloroethylene, trichloroethylene, methylene chloride, 1, 1, 1-trichloroethane, carbon tetrachloride, chloroform, ortho-dichlorobenzene, dichlorodifluoromethane, 1, 1, 2-trichloro-1, 2, 2-trifluoroethane, trichlorofluoromethane 1, 1-dichloroethylene, and 1, 2-dichloroethylene at greater than 1% (10,000 ppm) total solvent concentration. This listing includes any combination of the above named halogenated compounds where the total concentration or the sum of the concentrations of the individual compounds exceed 1% or 10,000 ppm on a weight to weight basis.
5. This sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
6. The Generator has read and understands the Contractor's Definition of Special Waste included in Part 8.5. of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
7. Analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.
8. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

ON BEHALF OF USEPA

9. Signature Joseph D. Nolan 10. Title Construction Rep.

11. Name (Type or Print) JOSEPH D. NOLAN 12. Date 10/26/98

Note: Omit sections D., E., F., and G., for Type B waste.

Comments:

FIGURE 4.1

CERCLA OFF-SITE RESPONSE APPROVAL MEMO

Date: 09/02/98 @ 10:50hrs Contractor D.O. No.: MCW 75-94-A-0005 DO#0055

Project: Vacant Lot Site ARMY Site Rep.: Joe Nolan

Wastestream: Lead impacted soil & debris

TSDF Name/Location: BFI Zion Landfill - Zion, IL

EPA Contacts: (Circle person contacted)

	REGION	PRIMARY CONTACT	SECONDARY CONTACT
I.	Boston (CT, MA, ME, NH, RI, VT)	Lynn Hanifan 617-573-9662	Austine Frawley 617-573-1754
II.	New York (NJ, NY, PR, VI)	Greg Zaccardi 212-264-9504	Joel Golumbek 212-264-2638
III.	Philadelphia (DE, MD, PA, VA, WV, DC)	Sarah Casper 215-597-1857	Naomi Henry 215-597-8338
IV.	Atlanta (AL, FL, GA, KY, MS, NC, SC, TN)	~~Edmund Burks~~ 404-347-7603 Shelia Burrus - 312-886-3587	John Dickinson ~~404-347-7603~~
V.	Chicago (IL, IN MI, OH, WI) Gerse Hamper	~~Gertrud Matuschkovitz~~ Gerse 312-353-7921 Denise Rapa - 312-353-7925	~~Uylaine McMahon~~ ~~312-886-4445~~
VI.	Dallas (AR, LA, NM, OK, TX)	Ron Shannon 214-655-2282	Joe Dougherty 214-655-2281
VII.	Kansas City, KS (IA, KS, MO, NE)	Gerald McKinney 913-551-7816	David Doyle 913-551-7667
VIII.	Denver (CO, MT, ND, SD, UT, WY)	Terry Brown 303-293-1823	George Dancik 303-293-1506
IX.	San Francisco (AZ, CA, HI, NV, AM SOM, GUAM, PAC TR TERR)	Diane Bodine 415-744-2130	Gloria Brownley 413-744-2114
X.	Seattle (AK, ID, OR, WA)	Ron Lilich 206-553-6646	Kevin Schanilec 206-553-1061

COMMENTS: -

Referred to County Health Dept
Mr Ralph Pegrem - Lake Co. IL
847-360-6742 Health Dept.
New facility - opened in may of 98
No violations - 5-98

Submitted by: [signature]

Printed Name: Don Jones

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☒ YES ☐ NO

Profile Number: WMI 486223

Requested Landfill: Kestrel Hawk LF, Republic Services, Renewal Date: / /

A. Waste Generator Information

1. Generator Name: USEPA Region V c/o USACE
2. SIC Code:
3. Facility Street Address: 1120 Martin Luther King
4. Phone: (312) 886-4071
5. Facility City: North Chicago, IL
6. State/Province: Illinois
7. Zip/Postal Code: 60064
8. Generator USEPA/Federal ID #: ILR000054759
9. County: ~~Cook~~ LAKE
10. State/Province ID #: 0971255087
11. Customer Name: OHM
12. Customer Phone: (419) 425-6067
13. Customer Contact: Greg Norden
14. Customer Fax: 419 - 425-6085

B. Waste Stream Information

1. Name of Waste: PCB-Lead Contaminated Soils
2. State Waste Code: None
3. Process Generating Waste: Remediation of soils and debris associated with lead smeltering facility.
4. Estimated Annual Volume: 1,000 - 2,000 tons ☒ Tons ☐ Yards ☐ Other (specify)
5. Personal Protective Equipment Requirements: Standard LP Protection
6. Transporter/Transfer Station: No
7. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip 8, 9, & 10)..... ☒ YES ☐ NO
8. Reportable Quantity (lbs.: kgs.): Lead @ 10 pounds
9. Hazard Class/ID #: 9 / UN 3077
10. USDOT Shipping Name: RQ Environmentally Hazardous Substance Solid NOS (Lead)

☐ Check if additional information is attached. Indicate the number of attached pages:

C. Generator Certification

1. Is the waste represented by this waste profile sheet a "Hazardous Waste," as defined by USEPA, Canadian, Mexican and/or state/province regulation, in the location where generated or ultimately managed?..... ☐ YES ☒ NO
2. Does the waste represented by this waste profile sheet contain regulated radioactive material or regulated concentrations of Polychlorinated Biphenyls (PCBs)?..... ☐ YES ☒ NO
3. Does this waste profile sheet and its attachments contain true and accurate descriptions of the waste material?..... ☒ YES ☐ NO
4. Has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor?..... ☒ YES ☐ NO
5. Is the analytical data attached hereto derived from testing a representative sample in accordance with 40 CFR 261.20 (c) or equivalent rules?..... ☐ NA ☒ YES ☐ NO
6. Will all changes that occur to the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor?..... ☒ YES ☐ NO

On behalf of USEPA.

Certification Signature: [signature] Title: PM

Name (Type or Print): JOSEPH D. NOLAN Company Name: USACE Date: 11/24/98

D. WMI Management Information — FOR WMI USE ONLY

1. Management Method: ☐ Landfill ☐ Solidify ☐ Bioremediation ☐ Other (Specify)
2. Proposed Ultimate Management Facility:
3. Hours of acceptance: ☐ NA
4. Supplemental Information:
5. Precautions, Special Handling Procedures, or Limitations on Approval:

Special Waste Decision..... ☐ Approved ☐ Disapproved

Salesperson's Signature: Date:

Division Approval Signature (Optional): Date:

Special Waste Approvals Person Signature: Date:

Form WM-418

APPENDIX F
SAMPLE TRACKING LOG

SAMPLE TRA..G LOG

SAMPLE ID	DATE COLLECTED	LOCATION	DATE SHIPPED	SELECTED LAB	LAB RECEIPT DATE	ANALYSIS TYPE	TAT	PRELIMINARY DUE DATE	ACTUAL FAX DATE	DAYS LATE	FINAL REPORT DUE DATE	ANALYTE	RESULT	FLAG	UNITS	COMMENTS
VLSC-PC-001	06-Aug-98	Grid PC 001, 160' by ~100' due to creek	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	0.462		mg/l	* Preliminary date excludes weekends in this case
VLSC-PC-003	06-Aug-98	Grid PC 003, 160' by ~100' due to creek	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	0.195		mg/l	
VLSC-PC-005	06-Aug-98	Grid PC 005, 160' by ~100' due to creek	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	0.286		mg/l	
VLSC-PC-007	06-Aug-98	Grid PC 007, 160' by ~100' due to creek	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	0.120		mg/l	
VLSC-PC-002	07-Aug-98	Grid PC 002, 160' by ~140' due to fence line	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	0.314		mg/l	
VLSC-PC-004	06-Aug-98	Grid PC 004, 160' by ~140' due to fence line	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	12.500		mg/l	
VLSC-PC-006	06-Aug-98	Grid PC 006, 160' by 160'	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	10.400		mg/l	
VLSC-PC-008	06-Aug-98	Grid PC 008, 160' by 160'	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	13.200		mg/l	
VLSC-PC-012	07-Aug-98	Grid PC 012, 160' by ~80 due to railroad	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	47.500		mg/l	
VLSC-PC-013	06-Aug-98	Duplicate of Grid PC 004	07-Aug-98	RECRA	07-Aug-98	TCLP Lead	3 DAY	12-Aug-98	12-Aug-98	0	17-Aug-98	TCLP Lead	10.800		mg/l	*Duplicate of VLSC-PC-004*
VLSC-COMP-1	13-Aug-98 **	Composite of Grids PC 001, PC 003, PC 005, PC 007 and PC 002	07-Aug-98	RECRA	07-Aug-98	Landfill Disposal Package	7 DAY	20-Aug-98	25-Aug-98	5	25-Aug-98	**TCLP Metals**				Composite of VLSC-PC-001, -002, 003, -005 and -007
												Arsenic	0.100	U	mg/l	
												Barium	0.795		mg/l	
	** Date at which request was made to perform analysis											Cadmium	0.050	U	mg/l	
												Chromium (Total)	0.050	U	mg/l	
												Copper	2.140		mg/l	
												Lead	0.416		mg/l	
												Nickel	0.094		mg/l	
												Mercury	0.010	U	mg/l	
												Selenium	0.100	U	mg/l	
												Silver	0.050	U	mg/l	
												Zinc	15.900		mg/l	
VLSC-COMP-1												**TCLP VOCs**				
												Benzene	0.100	U	mg/l	
												Carbon tetrachloride	0.100	U	mg/l	
												Chlorobenzene	0.100	U	mg/l	
												Chloroform	0.100	U	mg/l	
												1,2-Dichloroethane	0.100	U	mg/l	
												1,1-Dichloroethylene	0.100	U	mg/l	
												Methyl Ethyl Ketone	0.100	U	mg/l	
												Tetrachloroethylene	0.100	U	mg/l	
												Trichloroethylene	0.100	U	mg/l	
												Vinyl chloride	0.100	U	mg/l	
VLSC-COMP-1												**TCLP SVOCs**				
												o-Cresol	0.060	U	mg/l	
												m & p-Cresol	0.070	U	mg/l	
												Pentachlorophenol	0.060	U	mg/l	
												2,4,5-Trichlorophenol	0.080	U	mg/l	
												2,4,6-Trichlorophenol	0.040	U	mg/l	
												1,4-Dichlorobenzene	0.060	U	mg/l	
												2,4-Dinitrotoluene	0.080	U	mg/l	
												Hexachlorobenzene	0.030	U	mg/l	
												Hexachlorobutadiene	0.070	U	mg/l	
												Hexachloroethane	0.070	U	mg/l	
												Nitrobenzene	0.050	U	mg/l	
												Pyridine	0.090	U	mg/l	
VLSC-COMP-1												**TCLP Pest.**				
												Chlordane	0.002	U	mg/l	
												Endrin	0.005	U	mg/l	
												Heptachlor	0.002	U	mg/l	
												Heptachlor epoxide	0.002	U	mg/l	
												Lindane (gamma-BHC)	0.002	U	mg/l	
												Methoxychlor	0.025	U	mg/l	
												Toxaphene	0.050	U	mg/l	
VLSC-COMP-1												**TCLP Herb.**				
												2,4-D	0.100	U	mg/l	
												2,4,5-TP (Silvex)	0.010	U	mg/l	
VLSC-COMP-1												**Total PCBs**	0.063	U	mg/kg	
												Arochlor 1016	0.009	U	mg/kg	
												Arochlor 1221	0.009	U	mg/kg	
												Arochlor 1232	0.009	U	mg/kg	
												Arochlor 1242	0.009	U	mg/kg	
												Arochlor 1248	0.009	U	mg/kg	
												Arochlor 1254	0.009	U	mg/kg	
												Arochlor 1260	0.009	U	mg/kg	
												Total EOX	53.500	U	mg/kg	
VLSC-Comp-1	13-Aug-98 **		26-Aug-98	Great Lakes		Conventionals	24 hr	27-Aug-98	27-Aug-98	0		**Conventionals**				Great Lakes to perform conventionals because RECRA could not meet TAT
												Moisture Content	10.000		%	
												Paint Filter Test	PASS		Pass/Fail	
												pH	7.700			

SAMPLE ID	DATE COLLECTED	LOCATION	DATE SHIPPED	SELECTED LAB	LAB RECEIPT DATE	ANALYSIS TYPE	TAT	PRELIMINARY DUE DATE	ACTUAL FAX DATE	DAYS LATE	FINAL REPORT DUE DATE	ANALYTE	RESULT	FLAG	UNITS	COMMENTS
												Reactive Cyanide	0.250	U	mg/kg	
												Reactive Sulfide	6.500	U	mg/kg	
												Flash Point	>200		F	
												Total Phenols	0.630	U	mg/kg	
VLSC-PE-001	19-Aug-98	0-6", ~20' North of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	13		mg/kg	
VLSC-PE-002	19-Aug-98	0-6", ~20' West of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	52		mg/kg	
VLSC-PE-003	19-Aug-98	0-6", ~20' South of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	21		mg/kg	
VLSC-PE-004	19-Aug-98	0-6", ~20' East of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	33		mg/kg	
VLSC-PE-005	19-Aug-98	0-6", ~20' North of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	860		mg/kg	
VLSC-PE-006	19-Aug-98	0-6", ~20' West of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	150		mg/kg	
VLSC-PE-007	19-Aug-98	0-6", ~20' South of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	700		mg/kg	
VLSC-PE-008	19-Aug-98	0-6", ~20' East of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	210		mg/kg	
VLSC-PE-009	19-Aug-98	0-6", ~20' North of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	5.4		mg/kg	
VLSC-PE-010	19-Aug-98	0-6", ~20' West of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	3.8		mg/kg	
VLSC-PE-011	19-Aug-98	0-6", ~20' South of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	8.1		mg/kg	
VLSC-PE-012	19-Aug-98	0-6", ~20' East of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	2.5		mg/kg	
VLSC-PE-013	19-Aug-98	0-6", ~20' East of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	460		mg/kg	Duplicate of VLSC-PE-008
VLSC-PE-014	20-Aug-98	2', ~20' North of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	0.35		mg/kg	
VLSC-PE-015	20-Aug-98	2', ~20' West of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	3.1		mg/kg	
VLSC-PE-016	20-Aug-98	2', ~20' South of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	6		mg/kg	
VLSC-PE-017	20-Aug-98	2', ~20' East of EE/CA node K2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	1.1		mg/kg	
VLSC-PE-018	20-Aug-98	2', ~20' North of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	1.2		mg/kg	
VLSC-PE-019	20-Aug-98	2', ~20' West of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	0.61		mg/kg	
VLSC-PE-020	20-Aug-98	2', ~20' South of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	12		mg/kg	
VLSC-PE-021	20-Aug-98	2', ~20' East of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	4.5		mg/kg	
VLSC-PE-022	20-Aug-98	2', ~20' North of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	0.74		mg/kg	
VLSC-PE-023	20-Aug-98	2', ~20' West of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	1.9		mg/kg	
VLSC-PE-024	20-Aug-98	2', ~20' South of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	1		mg/kg	
VLSC-PE-025	20-Aug-98	2', ~20' East of EE/CA node J2	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	100		mg/kg	
VLSC-PE-026	20-Aug-98	2', ~20' East of EE/CA node K1	20-Aug-98	RECRA	21-Aug-98	PCB Delineation	3 DAY	25-Aug-98	27-Aug-98	2		PCB Total	1.8		mg/kg	Duplicate of VLSC-PE-021
VLSC-FL-001	25-Aug-98	Outside perimeter fence, 40' North along southwest fenceline, 4 pt composite	27-Aug-98	Great Lakes	27-Aug-98	Confirmation Pb & Be	24 hr	27-Aug-98	27-Aug-98	0	01-Sep-98	Total Pb & Be	Pb 440 Be 1.3		mg/kg mg/kg	
VLSC-F-001	26-Aug-98	Grid F 001, 80' by 80', SW corner of Lot	27-Aug-98	Great Lakes	27-Aug-98	Confirmation Pb & Be	24 hr	27-Aug-98	27-Aug-98	0	01-Sep-98	Total Pb & Be	Pb 640 Be 0.55		mg/kg mg/kg	
VLSC-SW-001	27-Aug-98	Side Wall of Grid F 001 to the South, 97'	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 740 Be 0.80		mg/kg mg/kg	
VLSC-SW-002	27-Aug-98	Side Wall of Grid F 001 to the West, 80'	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 540 Be 1.9		mg/kg mg/kg	
VLSC-SW-003	27-Aug-98	Side Wall of Grid F 002 to the West, 80'	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 320 Be 1.1		mg/kg mg/kg	
VLSC-F-002	27-Aug-98	Grid F 002, 80' by 70', North of Grid F 001	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 500 Be 0.82		mg/kg mg/kg	
VLSC-F-003	28-Aug-98	Grid F 003, 80' by 80', North of Grid F 002	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 650 Be 0.74		mg/kg mg/kg	
VLSC-F-003E	28-Aug-98	Duplicate of Grid F 003	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 350 Be 0.74		mg/kg mg/kg	Be Duplicate RPD 0%, Pb Duplicate RPD 60%
VLSC-SW-004	28-Aug-98	Side Wall of Grid F 003 to the West, 80'	28-Aug-98	Great Lakes	28-Aug-98	Confirmation Pb & Be	24 hr	29-Aug-98	31-Aug-98	2	03-Sep-98	Total Pb & Be	Pb 140 Be 0.5	 U	mg/kg mg/kg	
VLSC-Comp-1	07-Aug-98	Composite of Grids PC 001, PC 003, PC 005, PC 007 and PC 002	26-Aug-98	Great Lakes	26-Aug-98	Total Lead, (Landfill Disposal parameter)	24 hr	28-Aug-98	01-Sep-98	3	03-Sep-98	Total Pb	Pb 320		mg/kg	
VLSC-FL-002	29-Aug-98	Outside perimeter fence, East of bridge to site entrance and extreme southwest corner, 5 pt composite	31-Aug-98	Great Lakes	31-Aug-98	Confirmation Pb & Be	24 hr	01-Sep-98	01-Sep-98	0	06-Sep-98	Total Pb & Be	Pb 2800 Be 0.87		mg/kg mg/kg	
VLSC-F-004	31-Aug-98	Grid F 004, 80' by 90', North of Grid F 003	31-Aug-98	Great Lakes	31-Aug-98	Confirmation Pb & Be	24 hr	01-Sep-98	02-Sep-98	1	06-Sep-98	Total Pb & Be	Pb 220 Be 0.5		mg/kg mg/kg	
VLSC-F-005	01-Sep-98	Grid F 005, 80' by 100', North of Grid F 004	01-Sep-98	Great Lakes	01-Sep-98	Confirmation Pb & Be	24 hr	02-Sep-98	02-Sep-98	0	07-Sep-98	Total Pb & Be	Pb 320 Be 1.2		mg/kg mg/kg	
VLSC-PE-027	01-Sep-98	20' North of PE-005, 0-6"	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	210		mg/kg	
VLSC-PE-028	01-Sep-98	25' East of PE-008, 0-6"	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	190		mg/kg	
VLSC-PE-029	01-Sep-98	20' South of PE-007, 0-6"	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	260		mg/kg	
VLSC-PE-030	01-Sep-98	20' South of PE-004, 0-6"	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	16		mg/kg	
VLSC-PE-031	01-Sep-98	20' North of PE-004, 0-6"	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	140		mg/kg	
VLSC-PE-033	01-Sep-98	10' West of EE/CA node J2, 2' depth	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	0.05	U	mg/kg	
VLSC-PE-034	01-Sep-98	30' East of EE/CA node J2, 2' depth	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	0.05	U	mg/kg	
VLSC-PE-035	01-Sep-98	Duplicate of PE-027	01-Sep-98	Great Lakes	01-Sep-98	PCB Delineation	3 DAY	04-Sep-98	08-Sep-98	4	09-Sep-98	Total PCBs	72		mg/kg	Duplicate of VLSC-PE-027
VLSC-F-005A	01-Sep-98	Grid A of F 005	01-Sep-98	Great Lakes	01-Sep-98	Confirmation Be	24 hr	02-Sep-98	03-Sep-98	1	07-Sep-98	Total Be	1		mg/kg	
VLSC-F-005B	01-Sep-98	Grid B of F 005	01-Sep-98	Great Lakes	01-Sep-98	Confirmation Be	24 hr	02-Sep-98	03-Sep-98	1	07-Sep-98	Total Be	2.8		mg/kg	
VLSC-F-005C	01-Sep-98	Grid C of F 005	01-Sep-98	Great Lakes	01-Sep-98	Confirmation Be	24 hr	02-Sep-98	03-Sep-98	1	07-Sep-98	Total Be	0.5	U	mg/kg	
VLSC-F-005D	01-Sep-98	Grid D of F 005	01-Sep-98	Great Lakes	01-Sep-98	Confirmation Be	24 hr	02-Sep-98	03-Sep-98	1	07-Sep-98	Total Be	0.5	U	mg/kg	
VLSC-F-006	02-Sep-98	Grid F 006, 80' by 100', North of Grid f 005	02-Sep-98	Great Lakes	02-Sep-98	Confirmation Pb & Be	24 hr	03-Sep-98	03-Sep-98	0	08-Sep-98	Total Pb & Be	Pb 190 Be 0.50		mg/kg mg/kg	
VLSC-F-007	03-Sep-98	Grid F 007, ~30' by 220', extreme Northwest corner	03-Sep-98	Great Lakes	02-Sep-98	Confirmation Pb & Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Pb & Be	Pb 400 Be 2.2		mg/kg mg/kg	

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VLSC-F-008	03-Sep-98	Grid F 008, 80' by 80', South of Grid F 007	03-Sep-98	Great Lakes	02-Sep-98	Confirmation Pb & Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Pb & Be	Pb 120 Be 0.61		mg/kg mg/kg	
VLSC-F-009	03-Sep-98	Grid F 009, 75' by 90', South of Grid F 008	03-Sep-98	Great Lakes	02-Sep-98	Confirmation Pb & Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Pb & Be	Pb 89 Be 0.69		mg/kg mg/kg	
VLSC-WWT-001	03-Sep-98	Decon Water from 2000 gal poly tank	02-Sep-98	Great Lakes	02-Sep-98	Decon Water Disposal	3 DAY	08-Sep-98	09-Sep-98	1	13-Sep-98	Total PCBs	0.0021		mg/L	
VLSC-F-007A	03-Sep-98	Grid A of F 007	03-Sep-98	Great Lakes	03-Sep-98	Confirmation Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Be	Be 0.70		mg/kg	
VLSC-F-007B	03-Sep-98	Grid B of F 007	03-Sep-98	Great Lakes	03-Sep-98	Confirmation Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Be	Be 4.0		mg/kg	
VLSC-F-007C	03-Sep-98	Grid C of F 007	03-Sep-98	Great Lakes	03-Sep-98	Confirmation Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Be	Be 1.2		mg/kg	
VLSC-F-007D	03-Sep-98	Grid D of F 007	03-Sep-98	Great Lakes	03-Sep-98	Confirmation Be	24 hr	04-Sep-98	04-Sep-98	0	09-Sep-98	Total Be	Be 1.4		mg/kg	
VLSC-PE-036	09-Sep-98	10' North of PE 027, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	26		mg/kg	
VLSC-PE-037	09-Sep-98	10' East of PE 028, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	160		mg/kg	
VLSC-PE-038	09-Sep-98	10' South of PE 029, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	27		mg/kg	
VLSC-PE-039	09-Sep-98	10' North of PE 004, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	8.1		mg/kg	
VLSC-PE-040	09-Sep-98	10' South of PE 031, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	5.8		mg/kg	
VLSC-PE-041	09-Sep-98	10' North of PE 002, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	8.4		mg/kg	
VLSC-PE-042	09-Sep-98	10' West of PE 002, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	1.97		mg/kg	
VLSC-PE-044	09-Sep-98	10' North of EE/CA node K1, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	38		mg/kg	
VLSC-PE-045	09-Sep-98	10' West of EE/CA node K1, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	22		mg/kg	
VLSC-PE-046	09-Sep-98	10' South of EE/CA node K1, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	7.9		mg/kg	
VLSC-PE-047	09-Sep-98	10' East of EE/CA node K2, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	7.2		mg/kg	
VLSC-PE-048	09-Sep-98	10' North of EE/CA node K2, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	17		mg/kg	
VLSC-PE-049	09-Sep-98	10' West of EE/CA node K2, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	42		mg/kg	
VLSC-PE-050	09-Sep-98	10' North of PE 012, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	3.8		mg/kg	
VLSC-PE-051	09-Sep-98	10' East of PE 012, 0-6"	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	10		mg/kg	
VLSC-PE-052	09-Sep-98	10' North of PE 033, 2' depth	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	3		mg/kg	
VLSC-PE-072	09-Sep-98	Duplicate of PE 036	09-Sep-98	Great Lakes	09-Sep-98	PCB Delineation	3 DAY	14-Sep-98	14-Sep-98	0	19-Sep-98	Total PCBs	8.8		mg/kg	Duplicate of VLSC-PE-36
VLSC-PE-053	10-Sep-98	10' South of PE 012, 2' depth	10-Sep-98	Great Lakes	10-Sep-98	PCB Delineation	3 DAY	14-Sep-98	16-Sep-98	2	19-Sep-98	Total PCBs	13		mg/kg	
VLSC-PE-054	10-Sep-98	10' North of PE 036, 0-6"	10-Sep-98	Great Lakes	10-Sep-98	PCB Delineation	3 DAY	18-Sep-98	18-Sep-98	0	23-Sep-98	Total PCBs	4		mg/kg	
VLSC-PE-056	10-Sep-98	10' East of PE 037, 0-6"	10-Sep-98	Great Lakes	10-Sep-98	PCB Delineation	3 DAY	18-Sep-98	18-Sep-98	0	23-Sep-98	Total PCBs	170		mg/kg	
VLSC-PE-058	10-Sep-98	10' South of PE 038, 0-6"	10-Sep-98	Great Lakes	10-Sep-98	PCB Delineation	3 DAY	18-Sep-98	18-Sep-98	0	23-Sep-98	Total PCBs	11		mg/kg	
VLSC-PE-057	10-Sep-98	10' East of PE 056, 0-6"	10-Sep-98	Great Lakes	10-Sep-98	PCB Delineation	3 DAY	24-Sep-98	24-Sep-98	0	29-Sep-98	Total PCBs	0.98		mg/kg	
VLSC-F-010	15-Sep-98	Grid 010, East of Creek, South side along MLK dr, 80' by ~80'	15-Sep-98	Great Lakes	15-Sep-98	Confirmation Pb & Be	24 hr	16-Sep-98	16-Sep-98	0	21-Sep-98	Total Pb & Be	Pb 3300 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-011	16-Sep-98	Grid F 011, 80' by 80', North of F 010	16-Sep-98	Great Lakes	16-Sep-98	Confirmation Pb & Be	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Pb & Be	Pb 1100 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-007E	16-Sep-98	Sub Grid B, 60' by 25', Northwest corner Grid 007	16-Sep-98	Great Lakes	16-Sep-98	Confirmation Be	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Be	Be 0.5	U	mg/kg	
VLSC-F-007F	16-Sep-98	Sub Grid C, 60' by 25', Northwest corner Grid 007	16-Sep-98	Great Lakes	16-Sep-98	Confirmation Be	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Be	Be 0.5	U	mg/kg	
VLSC-F-007G	16-Sep-98	Sub Grid D, 60' by 25', Northwest corner Grid 007	16-Sep-98	Great Lakes	16-Sep-98	Confirmation Be	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Be	Be 0.5	U	mg/kg	
VLSC-F-010A	15-Sep-98	Sub Grid A of F 010	15-Sep-98	Great Lakes	15-Sep-98	Confirmation Pb	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Pb	Pb 3200		mg/kg	
VLSC-F-010B	15-Sep-98	Sub Grid B of F 010	15-Sep-98	Great Lakes	15-Sep-98	Confirmation Pb	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Pb	Pb 4200		mg/kg	
VLSC-F-010C	15-Sep-98	Sub Grid C of F 010	15-Sep-98	Great Lakes	15-Sep-98	Confirmation Pb	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Pb	Pb 7000		mg/kg	
VLSC-F-010D	15-Sep-98	Sub Grid D of F 010	15-Sep-98	Great Lakes	15-Sep-98	Confirmation Pb	24 hr	17-Sep-98	17-Sep-98	0	22-Sep-98	Total Pb	Pb 9600		mg/kg	
VLSC-F-012	17-Sep-98	Grid F 012, 80' by 80', North of F 011	17-Sep-98	Great Lakes	17-Sep-98	Confirmation Pb & Be	24 hr	18-Sep-98	18-Sep-98	0	23-Sep-98	Total Pb & Be	Pb 2900 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-005E	17-Sep-98	Sub Grid B of F 005	17-Sep-98	Great Lakes	17-Sep-98	Confirmation Be	24 hr	18-Sep-98	18-Sep-98	0	23-Sep-98	Total Be	Be 0.5	U	mg/kg	
EMCO-DP-001	18-Sep-98	EMCO Discharge Pipe, water	18-Sep-98	Great Lakes	18-Sep-98	Organics	Quick	21-Sep-98	21-Sep-98	0	26-Sep-98	**Volatiles**				Compounds detected above the method limit only
												Acetone	0.12	A	mg/L	EMCO Lab detected Acetone in their sample
												cis 1,2-Dichloroethene	0.23		mg/L	
												Trichloroethene	0.12		mg/L	
												Total Xylenes	0.5		mg/L	
EMCO-DP-001												**Polynuclear Aromatic Hydrocarbons**				Compounds detected above the method limit only
												Phenanthrene	0.026		mg/L	
EMCO-DP-001												**Semi-Volatiles**				Compounds detected above the method limit only
												Isophorone	0.04		mg/L	
												Naphthalene	0.03		mg/L	
VLSC-F-010I	18-Sep-98	Grid 010, East of Creek, South side along MLK dr, 80' by ~80'	18-Sep-98	Great Lakes	18-Sep-98	Confirmation Pb	24 hr	19-Sep-98	19-Sep-98	0	24-Sep-98	Total Pb	Pb 1300		mg/kg	
VLSC-FL-003	19-Sep-98	Outside perimeter fence, 80' composite from NW corner of site	19-Sep-98	Great Lakes	19-Sep-98	Confirmation Pb & Be	24 hr	21-Sep-98	20-Sep-98	0	26-Sep-98	Total Pb & Be	Pb 64 Be 0.5	 U	mg/kg mg/kg	
VLSC-FL-004	19-Sep-98	Outside perimeter fence, 80' composite south of FL-003	19-Sep-98	Great Lakes	19-Sep-98	Confirmation Pb & Be	24 hr	21-Sep-98	20-Sep-98	0	26-Sep-98	Total Pb & Be	Pb 150 Be 0.5	 U	mg/kg mg/kg	
VLSC-FL-005	19-Sep-98	Outside perimeter fence, 60' composite south of FL-004	19-Sep-98	Great Lakes	19-Sep-98	Confirmation Pb & Be	24 hr	21-Sep-98	20-Sep-98	0	26-Sep-98	Total Pb & Be	Pb 84 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-010J	22-Sep-98	Grid 010, 80' by 40', resample, composite	22-Sep-98	Great Lakes	22-Sep-98	Confirmation Pb	24 hr	23-Sep-98	23-Sep-98	0	28-Sep-98	Total Pb	Pb 1200		mg/kg	Area sampled after a scrape for crossover contamination
VLSC-F-012I	22-Sep-98	Grid 012, 80' by 80', North of Grid 011	22-Sep-98	Great Lakes	22-Sep-98	Confirmation Pb & Be	24 hr	23-Sep-98	23-Sep-98	0	28-Sep-98	Total Pb	Pb 2200		mg/kg mg/kg	

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VLSC-BK-001	22-Sep-98	Backfill composite	22-Sep-98	Great Lakes	22-Sep-98	TACO List	7 DAY	29-Sep-98	13-Oct-98	14	04-Oct-98	**Volatiles**	ND			
VLSC-BK-001												**Semi-Volatiles**	ND			
VLSC-BK-001												**Total PCB**	ND			
VLSC-BK-001												**Total Herbicides**	ND			
VLSC-BK-001												**Total Pesticides**	ND			
VLSC-BK-001												**Metals**				
												Aluminum	14000		mg/kg	
												Antimony	2	U	mg/kg	
												Arsenic	4.4		mg/kg	
												Barium	46		mg/kg	
												Beryllium	0.55		mg/kg	
												Cadmium	1		mg/kg	
												Calcium	46000		mg/kg	
												Chromium	14		mg/kg	
												Cobalt	11		mg/kg	
												Copper	24		mg/kg	
												Cyanide	0.25	U	mg/kg	
												Iron	19000		mg/kg	
												Lead	20		mg/kg	
												Magnesium	26000		mg/kg	
												Manganese	460		mg/kg	
												Mercury	0.03	U	mg/kg	
												Nickel	25		mg/kg	
												Potassium	1900		mg/kg	
												Selenium	0.24	U	mg/kg	
												Silver	2.5	U	mg/kg	
												Sodium	140		mg/kg	
												Thallium	0.29		mg/kg	
												Vanadium	21		mg/kg	
												Zinc	58		mg/kg	
VLSC-PS-001	22-Sep-98	Creek slope East, 160' composite from North fence	23-Sep-98	Great Lakes	23-Sep-98	Pre-characterization for Lead component	3 DAY	26-Sep-98	28-Sep-98	2	01-Oct-98	TCLP Lead	Pb 1.3		mg/L	
VLSC-PS-002	23-Sep-98	Creek slope West, 160' composite from North fence	23-Sep-98	Great Lakes	23-Sep-98	Pre-characterization for Lead component	3 DAY	26-Sep-98	28-Sep-98	2	01-Oct-98	TCLP Lead	Pb 0.46		mg/L	
VLSC-PS-003	23-Sep-98	Creek slope East, 160' composite South of PS-001	23-Sep-98	Great Lakes	23-Sep-98	Pre-characterization for Lead component	3 DAY	26-Sep-98	28-Sep-98	2	01-Oct-98	TCLP Lead	Pb 2.4		mg/L	
VLSC-PS-004	23-Sep-98	Creek slope West, 160' composite South of PS 002	23-Sep-98	Great Lakes	23-Sep-98	Pre-characterization for Lead component	3 DAY	26-Sep-98	28-Sep-98	2	01-Oct-98	TCLP Lead	Pb 0.32		mg/L	
VLSC-F-012E	22-Sep-98	Sub grid A of F 012I	22-Sep-98	Great Lakes	22-Sep-98	Confirmation Pb	24 hr	24-Sep-98	24-Sep-98	0	29-Sep-98	Total Pb	Pb 180		mg/kg	
VLSC-F-012F	22-Sep-98	Sub grid B of F 012I	22-Sep-98	Great Lakes	22-Sep-98	Confirmation Pb	24 hr	24-Sep-98	24-Sep-98	0	29-Sep-98	Total Pb	Pb 1500		mg/kg	
VLSC-F-012G	22-Sep-98	Sub grid C of F 012I	22-Sep-98	Great Lakes	22-Sep-98	Confirmation Pb	24 hr	24-Sep-98	24-Sep-98	0	29-Sep-98	Total Pb	Pb 120		mg/kg	
VLSC-F-012H	22-Sep-98	Sub grid D of F 012I	22-Sep-98	Great Lakes	22-Sep-98	Confirmation Pb	24 hr	24-Sep-98	24-Sep-98	0	29-Sep-98	Total Pb	Pb 1500		mg/kg	
VLSC-F-013	25-Sep-98	Grid 013, 80' by 80', north of grid 012	25-Sep-98	Great Lakes	25-Sep-98	Confirmation Pb and Be	24 hr	28-Sep-98	26-Sep-98	0	01-Oct-98	Total Pb & Be	Pb 3200 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-013E	25-Sep-98	Duplicate of VLSC-F-013	25-Sep-98	Great Lakes	25-Sep-98	Confirmation Pb and Be	24 hr	26-Sep-98	26-Sep-98	0	01-Oct-98	Total Pb & Be	Pb 3000 Be 0.5	 U	mg/kg mg/kg	Duplicate of VLSC-F-013
VLSC-F-012J	25-Sep-98	Sub grid B of F 012	25-Sep-98	Great Lakes	25-Sep-98	Confirmation Pb	24 hr	26-Sep-98	26-Sep-98	0	01-Oct-98	Total Pb	Pb 29		mg/kg	
VLSC-F-012K	25-Sep-98	Sub grid D of F 012	25-Sep-98	Great Lakes	25-Sep-98	Confirmation Pb	24 hr	26-Sep-98	26-Sep-98	0	01-Oct-98	Total Pb	Pb 11		mg/kg	
VLSC-FL-006	26-Sep-98	Outside perimeter fence, 80' composite, south of FL-005	26-Sep-98	Great Lakes	26-Sep-98	Confirmation Pb and Be	24 hr	28-Sep-98	26-Sep-98	0	03-Oct-98	Total Pb & Be	Pb 9.2 Be 0.5	 U	mg/kg mg/kg	
VLSC-FL-007	26-Sep-98	Outside perimeter fence, 80' composite, south of FL-006	26-Sep-98	Great Lakes	26-Sep-98	Confirmation Pb and Be	24 hr	28-Sep-98	26-Sep-98	0	03-Oct-98	Total Pb & Be	Pb 9.0 Be 0.5	 U	mg/kg mg/kg	
VLSC-FL-008	26-Sep-98	Outside perimeter fence, 80' composite, south of FL-007	26-Sep-98	Great Lakes	26-Sep-98	Confirmation Pb and Be	24 hr	28-Sep-98	26-Sep-98	0	03-Oct-98	Total Pb & Be	Pb 22 Be 0.5	 U	mg/kg mg/kg	
VLSC-FL-009	26-Sep-98	Outside perimeter fence, 40' composite, south of FL-008	26-Sep-98	Great Lakes	26-Sep-98	Confirmation Pb and Be	24 hr	28-Sep-98	26-Sep-98	0	03-Oct-98	Total Pb & Be	Pb 16 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-014	26-Sep-98	Grid 014, 80' by ~65', north of grid 013	26-Sep-98	Great Lakes	26-Sep-98	Confirmation Pb and Be	24 hr	28-Sep-98	26-Sep-98	0	03-Oct-98	Total Pb & Be	Pb 6600 Be 0.59		mg/kg mg/kg	
VLSC-F-013J	28-Sep-98	Grid 013, 80' by 80', north of grid 012	28-Sep-98	Great Lakes	28-Sep-98	Confirmation Pb and Be	24 hr	29-Sep-98	29-Sep-98	0	04-Oct-98	Total Pb & Be	Pb 310 Be 0.52		mg/kg mg/kg	
VLSC-F-014I	29-Sep-98	Grid 014, 80' by ~65', north of grid 013	29-Sep-98	Great Lakes	29-Sep-98	Confirmation Pb and Be	24 hr	30-Sep-98	01-Oct-98	1	05-Oct-98	Total Pb & Be	Pb 1500 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-015	29-Sep-98	Grid 015, 80' by ~60', north of grid 014	29-Sep-98	Great Lakes	29-Sep-98	Confirmation Pb and Be	24 hr	30-Sep-98	01-Oct-98	1	05-Oct-98	Total Pb & Be	Pb 81 Be 0.50	 U	mg/kg mg/kg	
VLSC-PS-005	29-Sep-98	Creek slope East, 160' composite south of PS-003	29-Sep-98	Great Lakes	29-Sep-98	Precharacterization for Lead component	3 DAY	02-Oct-98	02-Oct-98	0	07-Oct-98	TCLP Lead	Pb 0.39		mg/L	
VLSC-PS-006	29-Sep-98	Creek slope West, 160' composite south of PS-004	29-Sep-98	Great Lakes	28-Sep-98	Precharacterization for Lead component	3 DAY	02-Oct-98	02-Oct-98	0	07-Oct-98	TCLP Lead	Pb 0.08		mg/L	
VLSC-F-014E	29-Sep-98	Grid A of F 014	29-Sep-98	Great Lakes	29-Sep-98	Confirmation Pb and Be	24 hr	01-Oct-98	01-Oct-98	0	06-Oct-98	Total Pb	Pb 1200		mg/kg	
VLSC-F-014F	29-Sep-98	Grid B of F 014	29-Sep-98	Great Lakes	29-Sep-98	Confirmation Pb and Be	24 hr	01-Oct-98	01-Oct-98	0	06-Oct-98	Total Pb	Pb 720		mg/kg	
VLSC-F-014G	29-Sep-98	Grid C of F 014	29-Sep-98	Great Lakes	29-Sep-98	Confirmation Pb and Be	24 hr	01-Oct-98	01-Oct-98	0	06-Oct-98	Total Pb	Pb 2400		mg/kg	

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VLSC-F-014H	29-Sep-98	Grid D of F 014	29-Sep-98	Great Lakes	29-Sep-98	Confirmation Pb and Be	4 hr	01-Oct-98	01-Oct-98	0	08-Oct-98	Total Pb	Pb 21		mg/kg	
VLSC-PS-007	01-Oct-98	Creek slope East, 160' composite south of PS-005	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 7.0		mg/L	
VLSC-PS-008	01-Oct-98	Creek slope West, 160' composite south of PS-006	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 21.0		mg/L	
VLSC-PS-009	01-Oct-98	Creek slope East, 160' composite south of PS-007	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 0.56		mg/L	
VLSC-PS-010	01-Oct-98	Creek slope West, 160' composite south of PS-008	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 15.0		mg/L	
VLSC-PS-011	01-Oct-98	Creek slope East, 160' composite south of PS-009	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 5.2		mg/L	
VLSC-PS-012	01-Oct-98	Creek slope West, 160' composite south of PS-010	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 0.19		mg/L	
VLSC-PS-013	01-Oct-98	Duplication PS-007	01-Oct-98	Great Lakes	01-Oct-98	Precharacterization for Lead component	3 DAY	05-Oct-98	06-Oct-98	1	10-Oct-98	TCLP Lead	Pb 5.0		mg/L	Duplicate of VLSC-PS-007
VLSC-F-014J	02-Oct-98	Sub Grid C of F 013	02-Oct-98	Great Lakes	02-Oct-98	Confirmation Pb	24 hr	03-Oct-98	03-Oct-98	0	08-Oct-98	Total Pb	Pb 26		mg/kg	
VLSC-F-016	02-Oct-98	Grid 016, 80' by ~55', north of grid 015	02-Oct-98	Great Lakes	02-Oct-98	Confirmation Pb and Be	24 hr	03-Oct-98	03-Oct-98	0	08-Oct-98	Total Pb & Be	Pb 7100		mg/kg	
VLSC-F-016A	02-Oct-98	Sub Grid A of F-016	02-Oct-98	Great Lakes	02-Oct-98	Confirmation Pb	24 hr	06-Oct-98	06-Oct-98	0	11-Oct-98	Total Pb	Pb 11000		mg/kg	
VLSC-F-016B	02-Oct-98	Sub Grid B of F-016	02-Oct-98	Great Lakes	02-Oct-98	Confirmation Pb	24 hr	06-Oct-98	06-Oct-98	0	11-Oct-98	Total Pb	Pb 280		mg/kg	
VLSC-F-016C	02-Oct-98	Sub Grid C of F-016	02-Oct-98	Great Lakes	02-Oct-98	Confirmation Pb	24 hr	06-Oct-98	06-Oct-98	0	11-Oct-98	Total Pb	Pb 6500		mg/kg	
VLSC-F-016D	02-Oct-98	Sub Grid D of F-016	02-Oct-98	Great Lakes	02-Oct-98	Confirmation Pb	24 hr	06-Oct-98	06-Oct-98	0	11-Oct-98	Total Pb	Pb 210		mg/kg	
VLSC-Comp-2	08-Oct-98	Batch Test treatment Pile, 4 % mixture	08-Oct-98	Great Lakes	08-Oct-98	Landfill Disposal Package	3 DAY	12-Oct-98	13-Oct-98	1	17-Oct-98	**Conventionals**				
												Total Cyanide	0.25	U	mg/kg	
												EOX	100	U	mg/kg	
												Phenol	1.9		mg/kg	
												Reactive Cyanide	0.13	U	mg/kg	
												Reactive Sulfide	6.5	U	mg/kg	
												Sulfide	12		mg/kg	
												pH	9.6			
												Percent Moisture	16		%	
												Flash Point	>200		F	
												Paint Filter Test	Pass		Pass/Fail	
												Density	2.1		g/ml	
VLSC-Comp-2												**TCLP Metals**				
												Arsenic	0.05	U	mg/L	
												Barium	2	U	mg/L	
												Cadmium	0.042		mg/L	
												Chromium (Total)	0.01	U	mg/L	
												Copper	3		mg/L	
												Lead	0.047		mg/L	
												Mercury	0.002	U	mg/L	
												Selenium	0.01	U	mg/L	
												Silver	0.05	U	mg/L	
												Zinc	4.1		mg/L	
VLSC-Comp-2												**Total Metals**				
												Arsenic	8.4		mg/kg	
												Barium	410		mg/kg	
												Cadmium	6.8		mg/kg	
												Chromium (Total)	23		mg/kg	
												Lead	250		mg/kg	
												Mercury	9		mg/kg	
												Selenium	0.5	U	mg/kg	
												Silver	1.9		mg/kg	
												Thallium	0.5	U	mg/kg	
VLSC-Comp-2												**TCLP Volatiles**	ND			
VLSC-Comp-2												**TCLP Semi-Volatiles**	ND			
VLSC-Comp-2												**TCLP Pesticides**	ND			
VLSC-Comp-2												**TCLP Herbicides**	ND			Herbicides analyzed by Quanterra Environmental of Pittsburgh, PA
VLSC-Comp-2												**Total PCBs**	ND			
VLSC-Comp-3	08-Oct-98	Batch Test treatment Pile, 6 % mixture	08-Oct-98	Great Lakes	08-Oct-98	TCLP Confirm Pb	3 DAY	12-Oct-98	13-Oct-98	1	17-Oct-98	TCLP Lead	0.21		mg/L	
VLSC-F-016E	09-Oct-98	Sub Grid A of F-016	09-Oct-98	Great Lakes	09-Oct-98	Total Pb	24 hr	12-Oct-98	02-Oct-98	0	17-Oct-98	Total Pb	Pb 2100		mg/kg	Initial order was TCLP Pb, GLA notified to run Total Pb instead
VLSC-F-016F	09-Oct-98	Sub Grid C of F-016	09-Oct-98	Great Lakes	09-Oct-98	Total Pb	24 hr	12-Oct-98	02-Oct-98	0	17-Oct-98	Total Pb	Pb 8000		mg/kg	Initial order was TCLP Pb, GLA notified to run Total Pb instead
VLSC-F-016G	13-Oct-98	Sub Grid A of F-016	13-Oct-98	Great Lakes	13-Oct-98	Confirmation Pb	24 hr	14-Oct-98	15-Oct-98	1	19-Oct-98	Total Pb	Pb 1900		mg/kg	
VLSC-F-016H	13-Oct-98	Sub Grid C of F-016	13-Oct-98	Great Lakes	13-Oct-98	Confirmation Pb	24 hr	14-Oct-98	15-Oct-98	1	19-Oct-98	Total Pb	Pb 530		mg/kg	
VLSC-Comp-4	14-Oct-98	Treated pile, Batch 01	14-Oct-98	Great Lakes	14-Oct-98	TCLP Confirm Pb, Total Pb	3 day	17-Oct-98	17-Oct-98	0	22-Oct-98	TCLP Pb	0.0050	U	mg/L	
												Total Pb	6100		mg/kg	
VLSC-F-016I	15-Oct-98	Sub Grid A of F-016	15-Oct-98	Great Lakes	15-Oct-98	Confirmation Pb	Quick	16-Oct-98	16-Oct-98	0	21-Oct-98	Total Pb	Pb 1000		mg/kg	

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VLSC-Comp-5	16-Oct-98	Treated pile, Batch 02	16-Oct-98	Great Lakes	16-Oct-98	TCLP Confirmation Pb	3 DAY	19-Oct-98	19-Oct-98	0	24-Oct-98	TCLP Pb	0.005	U	mg/L	
VLSC-Comp-6	16-Oct-98	Treated pile, Bacth 03	16-Oct-98	Great Lakes	16-Oct-98	TCLP Confirmation Pb	3 DAY	20-Oct-98	19-Oct-98	0	25-Oct-98	TCLP Pb	0.0084		mg/L	
VLSC-Comp-7	17-Oct-98	Treated pile, Batch 04	17-Oct-98	Great Lakes	17-Oct-98	TCLP Confirmation Pb	3 DAY	21-Oct-98	21-Oct-98	0	26-Oct-98	TCLP Pb	0.005		mg/L	
VLSC-Comp-8	17-Oct-98	Treated pile, Batch 05	17-Oct-98	Great Lakes	17-Oct-98	TCLP Confirmation Pb	3 DAY	21-Oct-98	21-Oct-98	0	26-Oct-98	TCLP Pb	0.0059		mg/L	
VLSC-Comp-9	20-Oct-98	Treated pile, Batch 06	20-Oct-98	Great Lakes	20-Oct-98	TCLP Confirmation Pb	3 DAY	23-Oct-98	23-Oct-98	0	28-Oct-98	TCLP Pb	1		mg/L	
VLSC-Comp-10	20-Oct-98	Treated pile, Batch 06	20-Oct-98	Great Lakes	20-Oct-98	TCLP Confirmation Pb	3 DAY	23-Oct-98	23-Oct-98	0	28-Oct-98	TCLP Pb	0.005	U	mg/L	Duplicate of VLSC-Comp-9
VLSC-PC-014	21-Oct-98	At previous existing stockpile	21-Oct-98	Great Lakes	21-Oct-98	Investigate PID readings	3 DAY	24-Oct-98	26-Oct-98	2	29-Oct-98	**Volatiles**				
												cis 1,2-Dichloroethene	0.012		mg/kg	
												Tetrachloroethylene	0.081		mg/kg	
												Trichloroethene	12		mg/kg	
												Semi-Volatiles				
												Fluoranthene	0.13		mg/kg	
VLSC-F-RR1	21-Oct-98	North Side of Lot South of railroad	21-Oct-98	Great Lakes	21-Oct-98	Confirmation Pb	24 hr	22-Oct-98	22-Oct-98	0	27-Oct-98	Total Pb & Be	Pb 4700		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-F-017	21-Oct-98	Grid F-017, 80' by 55', North of F-016	21-Oct-98	Great Lakes	21-Oct-98	Confirmation Pb	24 hr	22-Oct-98	22-Oct-98	0	27-Oct-98	Total Pb & Be	Pb 5700		mg/kg	
													Be 0.71		mg/kg	
VLSC-Comp-11	22-Oct-98	Creek slope/sediment stockpile	22-Oct-98	Great Lakes	22-Oct-98	PAH's	24 hr	23-Oct-98	23-Oct-98	0	28-Oct-98	Benzo(a)pyrene	2.1		mg/kg	Above 0.8 mg/kg CUG
VLSC-BK-002 and	15-Oct-98	Backfill, composite ratio is 60% BK-002 to	15-Oct-98	Great Lakes	15-Oct-98	TACO List	7 Day	28-Oct-98	10-Nov-98	13	02-Nov-98	**Volatiles**	0.026	A	mg/kg	BK-002 and BK-003 composited
VLSC-BK-003	16-Oct-98	40% BK-003	16-Oct-98		16-Oct-98							**Semi-Volatiles**	ND		mg/kg	Ordered 10/21
composite												**Total PCB**	ND		mg/kg	
												Total Herbicides	ND		mg/kg	
												Total Pesticides	ND		mg/kg	
												Metals				
												Aluminum	9600		mg/kg	
												Antimony	2	U	mg/kg	
												Arsenic	5.7		mg/kg	
												Barium	120		mg/kg	
												Beryllium	0.6		mg/kg	
												Cadmium	0.5		mg/kg	
												Calcium	26000		mg/kg	
												Chromium	13		mg/kg	
												Cobalt	20		mg/kg	
												Copper	41		mg/kg	
												Cyanide	0.25	U	mg/kg	
												Iron	14000		mg/kg	
												Lead	1	U	mg/kg	
												Magnesium	16000		mg/kg	
												Manganese	1700		mg/kg	
												Mercury	0.052	U	mg/kg	
												Nickel	25		mg/kg	
												Potassium	1000		mg/kg	
												Selenium	0.24	U	mg/kg	
												Silver	2.5	U	mg/kg	
												Sodium	150		mg/kg	
												Thallium	0.3		mg/kg	
												Vanadium	26		mg/kg	
												Zinc	85		mg/kg	
VLSC-F-018	23-Oct-98	Grid 018, 80' by 80', East of creek, South of North perimeter fence	23-Oct-98	Great Lakes	23-Oct-98	Confirmation Pb & Be	24 hr	24-Oct-98	24-Oct-98	0	29-Oct-98	Total Pb & Be	Pb 6400		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-Comp-12	23-Oct-98	Treated pile, Batch 07	23-Oct-98	Great Lakes	23-Oct-98	TCLP Lead	3 day	27-Oct-98	27-Oct-98	0	01-Nov-98	TCLP Pb	58		mg/L	
VLSC-F-RR1G	23-Oct-98	Grid RR1	23-Oct-98	Great Lakes	23-Oct-98	Confirmation Pb	24 hr	26-Oct-98	25-Oct-98	0	31-Oct-98	Total Pb	4700		mg/kg	
VLSC-FL-010	24-Oct-98	80' composite south of FL-009		Great Lakes		Confirmation Pb & Be	24 hr	27-Oct-98	27-Oct-89	0	01-Nov-98	Total Pb & Be	Pb 20		mg/kg	
													Be 0.54		mg/kg	
VLSC-FL-011	24-Oct-98	80' composite south of FL-010		Great Lakes		Confirmation Pb & Be	24 hr	27-Oct-98	27-Oct-98	0	01-Nov-98	Total Pb & Be	Pb 54		mg/kg	
													Be 0.29		mg/kg	
VLSC-FL-012	24-Oct-98	80' composite south of FL-011		Great Lakes		Confirmation Pb & Be	24 hr	27-Oct-98	27-Oct-98	0	01-Nov-98	Total Pb & Be	Pb 33		mg/kg	
													Be 0.60		mg/kg	
VLSC-F-017G	24-Oct-98	Grid F-017, 80' by 55', North of F-016		Great Lakes		Confirmation Pb	24 hr	27-Oct-98	27-Oct-98	0	01-Nov-98	Total Pb	530		mg/kg	
VLSC-P-001	26-Oct-98	Small PCB area, East floor	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-002	26-Oct-98	Small PCB area, South Wall	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-003	26-Oct-98	Small PCB area, East Wall	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-004	26-Oct-98	Small PCB area, North Wall	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-005	26-Oct-98	Small PCB area, West floor	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-006	26-Oct-98	Small PCB area, West Wall	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-PERC-001	26-Oct-98	EE/CA node I2	26-Oct-98	Great Lakes	26-Oct-98	Tetrachloroethene	1 DAY	27-Oct-98	27-Oct-98	0	01-Nov-98	Tetrachloroethylene	0.005	U	mg/kg	
VLSC-CS-001	26-Oct-98	1st 160' from RR, East Slope	26-Oct-98	Great Lakes	26-Oct-98	PAHs and Metals	2 DAY	27-Oct-98	27-Oct-98	0	01-Nov-98	Total Pb & Be	Pb 820		mg/kg	
													Be 0.5	U	mg/kg	
								28-Oct-98	31-Oct-98			PAH's	0.87		mg/kg	CUG is 0.8 mg/kg
VLSC-F-RR1k	26-Oct-98	Grid RR1, along railroad	26-Oct-98	Great Lakes	26-Oct-98	Confirmation Pb	24 hr	27-Oct-98	27-Oct-98	0	01-Nov-98	Total Pb	4300		mg/kg	
VLSC-Comp-016	27-Oct-98	South end of Batch 05, 0-20'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.032		mg/l	
VLSC-Comp-017	27-Oct-98	South end of Batch 05, 20-40'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.017		mg/l	
VLSC-Comp-018	27-Oct-98	South end of Batch 05, 40-60'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.076		mg/l	
VLSC-Comp-019	27-Oct-98	South end of Batch 05, 60-80'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.028		mg/l	

SAMPLE ID	DATE COLLECTED	LOCATION	DATE SHIPPED	SELECTED LAB	LAB RECEIPT DATE	ANALYSIS TYPE	TAT	PRELIMINARY DUE DATE	ACTUAL FAX DATE	DAYS LATE	FINAL REPORT DUE DATE	ANALYTE	RESULT	FLAG	UNITS	COMMENTS
VLSC-Comp-020	27-Oct-98	South end of Batch 05, 80-100'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.005	U	mg/l	
VLSC-Comp-021	27-Oct-98	South end of Batch 06, 0-20'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.005	U	mg/l	
VLSC-Comp-022	27-Oct-98	South end of Batch 06, 20-40'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.005	U	mg/l	
VLSC-Comp-023	27-Oct-98	South end of Batch 06, 40-60'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.005	U	mg/l	
VLSC-Comp-024	27-Oct-98	South end of Batch 04, 0-20'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.005	U	mg/l	
VLSC-Comp-025	27-Oct-98	South end of Batch 04, 20-40'	27-Oct-98	Great Lakes	27-Oct-98	TCLP Confirmation Pb	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	TCLP Lead	0.005	U	mg/l	
VLSC-P-007	27-Oct-98	South Row - #1	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-008	27-Oct-98	South Row - #2	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-009	27-Oct-98	South Row - #3	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	10-40		mg/kg	
VLSC-P-010	27-Oct-98	South Row - #4	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-011	27-Oct-98	South Row - #5	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-012	27-Oct-98	Middle Row - #1	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-013	27-Oct-98	Middle Row - #2	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-014	27-Oct-98	Middle Row - #3	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-015	27-Oct-98	Middle Row - #4	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-016	27-Oct-98	Middle Row - #5	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-017	27-Oct-98	North Row - #1	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-018	27-Oct-98	North Row - #2	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-019	27-Oct-98	North Row - #3	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-P-020	27-Oct-98	North Row - #4	n/a	Onsite	n/a	PCB Screen	n/a	n/a	n/a	n/a	n/a	Total PCBs	5	U	mg/kg	
VLSC-PERC-002	28-Oct-98	PERC Stockpile	28-Oct-98	Great Lakes	28-Oct-98	PERC Confirmation	1 day	29-Oct-98	31-Oct-98	2	03-Nov-98	Tetrachloroethylene	2.3		mg/kg	
								31-Oct-98	31-Oct-98	0		TCLP Lead	50		mg/L	
VLSC-CRK-001	28-Oct-98	Creek slope/sediment stockpile	28-Oct-98	Great Lakes	28-Oct-98	Landfill Disposal Package	3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**Conventionals**				
												Total Cyanide	0.25	U	mg/kg	
												EOX	50	U	mg/kg	
												Phenol	2.3		mg/kg	
												Reactive Cyanide	0.25	U	mg/kg	
												Reactive Sulfide	6.5	U	mg/kg	
												Sulfide	3.2	U	mg/kg	
												pH	12			
												Percent Moisture	22		%	
												Flash Point	>200		F	
												Paint Filter Test	PASS		Pass/Fail	
												Density	1.88		g/ml	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Metals**				
												Arsenic	0.05	U	mg/L	
												Barium	2	U	mg/L	
												Cadmium	0.22		mg/L	
												Chromium (Total)	0.01	U	mg/L	
												Copper	41		mg/L	
												Lead	8.4		mg/L	
												Mercury	0.002	U	mg/L	
												Selenium	0.01	U	mg/L	
												Silver	0.05	U	mg/L	
												Zinc	61		mg/L	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**Total Metals**				
												Arsenic	13		mg/kg	
												Barium	150		mg/kg	
												Cadmium	0.5	U	mg/kg	
												Chromium (Total)	19		mg/kg	
												Lead	1800		mg/kg	
												Mercury	1.6		mg/kg	
												Selenium	0.5	U	mg/kg	
												Silver	2.5	U	mg/kg	
												Thallium	25	U	mg/kg	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Volatiles**	ND		mg/L	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Semi-Volatiles**	ND		mg/L	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Pesticides**	ND		mg/L	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Herbicides**	ND		mg/L	
VLSC-CRK-001							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**Total PCBs**	0.98		mg/kg	
VLSC-PCB-002	28-Oct-98	PCB Stockpile	28-Oct-98	Great Lakes	28-Oct-98	Landfill Disposal Package	3 DAY	31-Oct-98	31-Oct-98	0	05-Nov-98	**Conventionals**				
												Total Cyanide	0.25	U	mg/kg	
												EOX	50	U	mg/kg	
												Phenol	2.3		mg/kg	
												Reactive Cyanide	0.25	U	mg/kg	
												Reactive Sulfide	6.5	U	mg/kg	
												Sulfide	3.2	U	mg/kg	
												pH	8.8			
												Percent Moisture	20		%	
												Flash Point	>200		F	
												Paint Filter Test	PASS		Pass/Fail	
												Density	1.85		g/ml	

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VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Metals**				
												Arsenic	0.05	U	mg/L	
												Barium	2	U	mg/L	
												Cadmium	0.11		mg/L	
												Chromium (Total)	0.01	U	mg/L	
												Copper	22		mg/L	
												Lead	5.7		mg/L	
												Mercury	0.002	U	mg/L	
												Selenium	0.01	U	mg/L	
												Silver	0.05	U	mg/L	
												Zinc	61		mg/L	
VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**Total Metals**				
												Arsenic	5.9		mg/kg	
												Barium	94		mg/kg	
												Cadmium	4.2		mg/kg	
												Chromium (Total)	14		mg/kg	
												Lead	1600		mg/kg	
												Mercury	35		mg/kg	
												Selenium	0.5	U	mg/kg	
												Silver	4.3		mg/kg	
												Thallium	25	U	mg/kg	
VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Volatiles**	ND		mg/L	
VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Semi-Volatiles**	ND		mg/L	
VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Pesticides**	ND		mg/L	
VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**TCLP Herbicides**	ND		mg/L	
VLSC-PCB-002							3 day	31-Oct-98	31-Oct-98	0	05-Nov-98	**Total PCBs**	20		mg/kg	
VLSC-CS-002	28-Oct-98	1st 160' from RR, West Slope	28-Oct-98	Great Lakes	28-Oct-98	PAHs and Metals	24 hr	29-Oct-98	29-Oct-98	0	03-Nov-98	Pb and Be	Pb 350		mg/kg	
													Be 1.1		mg/kg	
							2 DAY	30-Oct-98	30-Oct-98	0	04-Nov-98	Benzo(a)pyrene	1.4		mg/kg	
VLSC-CS-003	28-Oct-98	2nd 160' from RR, East Slope	28-Oct-98	Great Lakes	28-Oct-98	PAHs and Metals	24 hr	29-Oct-98	29-Oct-98	0	03-Nov-98	Pb and Be	Pb 1200		mg/kg	
													Be 1.3		mg/kg	
							2 DAY	30-Oct-98	30-Oct-98	0	04-Nov-98	Benzo(a)pyrene	1.1		mg/kg	
VLSC-CS-004	28-Oct-98	2nd 160' from RR, West Slope	28-Oct-98	Great Lakes	28-Oct-98	PAHs and Metals	24 hr	29-Oct-98	29-Oct-98	0	03-Nov-98	Pb and Be	Pb 110		mg/kg	
													Be 0.05	U	mg/kg	
							2 DAY	30-Oct-98	30-Oct-98	0	04-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-005	28-Oct-98	3rd 160' from RR, East Slope	28-Oct-98	Great Lakes	28-Oct-98	PAHs and Metals	24 hr	29-Oct-98	29-Oct-98	0	03-Nov-98	Pb and Be	Pb 840		mg/kg	
													Be 0.05	U	mg/kg	
							2 DAY	30-Oct-98	30-Oct-98	0	04-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-P-021	29-Oct-98	81' West from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-022	29-Oct-98	54' West from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.67	U	mg/kg	
VLSC-P-023	29-Oct-98	27' West from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-024	29-Oct-98	Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-025	29-Oct-98	67.5' West, 23.5 South from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-026	29-Oct-98	40.5' West, 23.5 South from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-027	29-Oct-98	13.5' West, 23.5 South from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.064	U	mg/kg	
VLSC-P-028	29-Oct-98	13.5' West, 23.5 North from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-029	29-Oct-98	47' North of Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-030	29-Oct-98	Small area, East floor	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-031	29-Oct-98	Small area, West floor	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-032	29-Oct-98	Duplicate of P-026	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-P-033	29-Oct-98	47' South, 27' West from Center	29-Oct-98	Great Lakes	29-Oct-98	PCB Confirmation	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	PCB	0.05	U	mg/kg	
VLSC-Comp-026	28-Oct-98	South end of Batch 07, 0-20'	29-Oct-98	Great Lakes	29-Oct-98	TCLP Confirmation Pb	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	TCLP Lead	0.005	U	mg/kg	
VLSC-Comp-027	28-Oct-98	South end of Batch 07, 20-40'	29-Oct-98	Great Lakes	29-Oct-98	TCLP Confirmation Pb	3 DAY	02-Nov-98	03-Nov-98	1	07-Nov-98	TCLP Lead	0.005	U	mg/kg	
VLSC-CS-006	28-Oct-98	1st 160' from RR, Sediment	29-Oct-98	Great Lakes	29-Oct-98	PAHs and Metals	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	Pb and Be	Pb 480		mg/kg	
													Be 0.5	U	mg/kg	
							2 DAY	31-Oct-98	31-Oct-98	0	05-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-007	28-Oct-98	2nd 160' from RR, Sediment	29-Oct-98	Great Lakes	29-Oct-98	PAHs and Metals	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	Pb and Be	Pb 450		mg/kg	
													Be 0.5	U	mg/kg	
							2 DAY	31-Oct-98	31-Oct-98	0	05-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-Comp-028	29-Oct-98	South end of Batch 07, 40-60'	29-Oct-98	Great Lakes	29-Oct-98	TCLP Confirmation Pb	3 DAY	02-Nov-98		240	07-Nov-98	TCLP Lead	0.005	U	mg/L	
VLSC-F-019	29-Oct-98	Grid 19 North and East of 018	29-Oct-98	Great Lakes	29-Oct-98	Total Pb and Be	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	Total Pb & Be	Pb 5300		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-CS-008	28-Oct-98	3rd 160' from RR, West Slope	29-Oct-98	Great Lakes	29-Oct-98	PAHs and Metals	24 hr	30-Oct-98	30-Oct-98	0	04-Nov-98	Pb and Be	Pb 360		mg/kg	
													Be 0.5	U	mg/kg	
							2 DAY	31-Oct-98	31-Oct-98	0		Benzo(a)pyrene	0.81		mg/kg	CUG is 0.80 mg/kg
VLSC-Comp-029	30-Oct-98	Batch 12, Characterization	30-Oct-98	Great Lakes	30-Oct-98	TCLP Lead	3 DAY	03-Nov-98	04-Nov-98	1	08-Nov-98	TCLP Lead	0.12		mg/L	
VLSC-FL-013	31-Oct-98	Perimeter fence, 60' north of the west gate	31-Oct-98	Great Lakes	31-Oct-98	Confirmation Pb & Be	24 hr	02-Nov-98	02-Nov-98	0	07-Nov-98	Total Pb & Be	Pb 53		mg/kg	
													Be 1.1		mg/kg	
VLSC-FL-014	31-Oct-98	Perimeter fence, 80' south of west gate	31-Oct-98	Great Lakes	31-Oct-98	Confirmation Pb & Be	24 hr	02-Nov-98	02-Nov-98	0	07-Nov-98	Total Pb & Be	Pb 17		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-CS-010	04-Nov-98	320' from RR, east slope	04-Nov-98	Great Lakes	04-Nov-98	PAHs and Metals	24 hr	05-Nov-98	05-Nov-98	0	10-Nov-98	Total Be	3.2		mg/kg	
							2 DAY	06-Nov-98	06-Nov-98	0	11-Nov-98	Benzo(a)pyrene	0.52		mg/kg	
VLSC-CS-011	04-Nov-98	Duplicate of CS-010	04-Nov-98	Great Lakes	04-Nov-98	PAHs and Metals	24 hr	05-Nov-98	05-Nov-98	0	10-Nov-98	Total Be	3.1		mg/kg	
							2 DAY	06-Nov-98	06-Nov-98	0	11-Nov-98	Benzo(a)pyrene	0.55		mg/kg	

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VLSC-Comp-030	05-Nov-98	Creek slope/sediment, Batch 9	05-Nov-98	Great Lakes	05-Nov-98	TCLP Confirmation Pb	3 day	09-Nov-98	10-Nov-98	1	14-Nov-98	TCLP Lead	0.54		mg/kg	no charge by GLA
VLSC-CS-012	05-Nov-98	60 feet morth of MLK drive West slope	05-Nov-98	Great Lakes	05-Nov-98	PAHs and Metals	24 hr	06-Nov-98	06-Nov-98	0	11-Nov-98	Total Pb & Be	Pb 77		mg/kg	
													Be 0.61		mg/kg	
							2 DAY	07-Nov-98	08-Nov-98	0	12-Nov-98	Benzo(a)pyrene	1		mg/kg	
VLSC-CS-013	05-Nov-98	160 feet north of CS-012	05-Nov-98	Great Lakes	05-Nov-98	PAHs and Metals	24 hr	06-Nov-98	06-Nov-98	0	11-Nov-98	Total Pb & Be	Pb 310		mg/kg	
													Be 0.91		mg/kg	
							2 DAY	07-Nov-98	08-Nov-98	0	12-Nov-98	Benzo(a)pyrene	1.3		mg/kg	
VLSC-Comp-031	05-Nov-98	Batch 8, Treatment Confirm, ~300 cy	05-Nov-98	Great Lakes	05-Nov-98	TCLP Confirmation Pb	3 day	09-Nov-98	10-Nov-98	1	14-Nov-98	TCLP Lead	0.064		mg/kg	no charge by GLA
VLSC-Comp-032	05-Nov-98	Batch 8, Treatment Confirm, ~300 cy	05-Nov-98	Great Lakes	05-Nov-98	TCLP Confirmation Pb	3 day	09-Nov-98	10-Nov-98	1	14-Nov-98	TCLP Lead	0.18		mg/kg	no charge by GLA
VLSC-Comp-033	05-Nov-98	Batch 8, Treatment Confirm, ~300 cy	05-Nov-98	Great Lakes	05-Nov-98	TCLP Confirmation Pb	3 day	09-Nov-98	10-Nov-98	1	14-Nov-98	TCLP Lead	0.046		mg/kg	no charge by GLA
VLSC-CS-013A	06-Nov-98	Creek slope grid 02, west slope	06-Nov-98	Great Lakes	06-Nov-98	PAHs and Metals	24 hr	07-Nov-98	09-Nov-98	2	12-Nov-98	Total Pb & Be	Pb 260		mg/kg	
													Be 0.5		mg/kg	
							2 DAY	09-Nov-98	10-Nov-98	1	14-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-014	06-Nov-98	Creek sediment grid 15, south of bridge, approx 100'	06-Nov-98	Great Lakes	06-Nov-98	PAHs and Metals	24 hr	07-Nov-98	09-Nov-98	2	12-Nov-98	Total Pb & Be	Pb 5		mg/kg	
													Be 0.5	U	mg/kg	
							2 DAY	09-Nov-98	10-Nov-98	1	14-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-F-020	07-Nov-98	Grid 20 north of Grid 17	07-Nov-98	Great Lakes	07-Nov-98	Confirmation Pb & Be	24 hr	09-Nov-98	08-Nov-98	0	14-Nov-98	Total Pb & Be	Pb 4500		mg/kg	
													Be 0.55		mg/kg	
VLSC-F-020H	09-Nov-98	Grid 20 north of Grid 17	09-Nov-98	Great Lakes	09-Nov-98	Confirmation Pb	24 hr	10-Nov-98	10-Nov-98	0	15-Nov-98	Total Pb	1000		mg/kg	
VLSC-CS-015	10-Nov-98	Creek sediment grid 18	10-Nov-98	Great Lakes	10-Nov-98	PAHs and Metals	24 hr	11-Nov-98	11-Nov-98	0	16-Nov-98	Total Pb & Be	Pb 61		mg/kg	
													Be 0.5	U	mg/kg	
							2 DAY	12-Nov-98	13-Nov-98	1	17-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-016	10-Nov-98	Creek slope grid 11	10-Nov-98	Great Lakes	10-Nov-98	PAHs and Metals	24 hr	11-Nov-98	11-Nov-98	0	16-Nov-98	Total Pb & Be	Pb 59		mg/kg	
													Be 0.5		mg/kg	
							2 DAY	12-Nov-98	13-Nov-98	1	17-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-017	10-Nov-98	Creek sediment grid 16	10-Nov-98	Great Lakes	10-Nov-98	PAHs and Metals	24 hr	11-Nov-98	11-Nov-98	0	16-Nov-98	Total Pb & Be	Pb 30		mg/kg	
													Be 0.5		mg/kg	
							2 DAY	12-Nov-98	13-Nov-98	1	17-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-018	10-Nov-98	Creek sediment grid 15, north of bridge	10-Nov-98	Great Lakes	10-Nov-98	PAHs and Metals	24 hr	11-Nov-98	11-Nov-98	0	16-Nov-98	Total Pb & Be	Pb 1000		mg/kg	
													Be 0.5		mg/kg	
							2 DAY	12-Nov-98	13-Nov-98	1	17-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-019	11-Nov-98	Creek slope grid 12	11-Nov-98	Great Lakes	11-Nov-98	PAHs	2 DAY	13-Nov-98	13-Nov-98	0	18-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-020	11-Nov-98	Creek slope grid 10	11-Nov-98	Great Lakes	11-Nov-98	PAHs	2 DAY	13-Nov-98	13-Nov-98	0	18-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-021	11-Nov-98	Creek slope grid 08	11-Nov-98	Great Lakes	11-Nov-98	PAHs and Metals	24 hr	12-Nov-98	12-Nov-98	0	17-Nov-98	Total Pb & Be	Pb 170		mg/kg	
													Be 0.5		mg/kg	
							2 DAY	13-Nov-98	13-Nov-98	0	18-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-CS-022	11-Nov-98	Creek slope grid 06	11-Nov-98	Great Lakes	11-Nov-98	PAHs and Metals	24 hr	12-Nov-98	12-Nov-98	0	17-Nov-98	Total Pb & Be	Pb 300		mg/kg	
													Be 1.0		mg/kg	
							2 DAY	13-Nov-98	13-Nov-98	0	18-Nov-98	PAHs	**		mg/kg	
VLSC-CS-023	11-Nov-98	Creek slope grid 07	11-Nov-98	Great Lakes	11-Nov-98	PAHs and Metals	24 hr	12-Nov-98	12-Nov-98	0	17-Nov-98	Total Pb & Be	Pb 1000		mg/kg	
													Be 0.5		mg/kg	
							2 DAY	13-Nov-98	13-Nov-98	0	18-Nov-98	Benzo(a)pyrene	0.87		mg/kg	CUG is 0.80 mg/kg
VLSC-Comp-034	11-Nov-98	Batch 013, 0-300 cuyd	11-Nov-98	Great Lakes	11-Nov-98	TCLP Confirmation Pb	3 day	13-Nov-98	13-Nov-98	0	18-Nov-98	TCLP Lead	7.8		mg/L	
VLSC-Comp-035	11-Nov-98	Batch 013, 300-600 cuyd	11-Nov-98	Great Lakes	11-Nov-98	TCLP Confirmation Pb	3 day	13-Nov-98	13-Nov-98	0	18-Nov-98	TCLP Lead	3.6		mg/L	
VLSC-Comp-036	12-Nov-98	Batch 013, 600-900 cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Confirmation Pb	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	0.23		mg/L	
VLSC-Comp-037	12-Nov-98	Batch 013, 900-1200 cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Confirmation Pb	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	0.44		mg/L	
VLSC-Comp-038	12-Nov-98	Batch 013, 1200-1500 cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Confirmation Pb	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	0.3		mg/L	
VLSC-Comp-039	12-Nov-98	Batch 013, 1500- cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Confirmation Pb	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	0.024		mg/L	
VLSC-Comp-040	12-Nov-98	Batch 015, 0-300 cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Pb Characterization	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	12		mg/L	
VLSC-Comp-041	12-Nov-98	Batch 015, 300-600 cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Confirmation Pb	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	0.46		mg/L	
VLSC-Comp-042	12-Nov-98	Batch 015, 600-900 cuyd	12-Nov-98	Great Lakes	12-Nov-98	TCLP Confirmation Pb	2 DAY	14-Nov-98	13-Nov-98	0	19-Nov-98	TCLP Lead	0.1		mg/L	
VLSC-CS-024	13-Nov-98	Creek slope grid 09	13-Nov-98	Great Lakes	13-Nov-98	PAHs and Metals	24 hr	14-Nov-98	14-Nov-98	0	19-Nov-98	Total Pb & Be	Pb 50		mg/kg	
													Be 0.5		mg/kg	
							24 hr	14-Nov-98	14-Nov-98	0	19-Nov-98	PAHs	**		mg/kg	** below action levels
VLSC-PCB-003	13-Nov-98	Batch 011, 0-300 cuyd	13-Nov-98	Great Lakes	13-Nov-98	RCRA TCLP Metals	2 DAY	16-Nov-98		226	21-Nov-98	Arsenic	0.05		mg/L	
												Barium	2		mg/L	
												Cadmium	0.25		mg/L	
												Chromium (Total)	0.01		mg/L	
												Lead	8.2		mg/L	
												Mecury	0.002	U	mg/L	
												Selenium	0.01	U	mg/L	
												Silver	0.05	U	mg/L	
VLSC-PCB-004	13-Nov-98	Batch 011, 300-600 cuyd	13-Nov-98	Great Lakes	13-Nov-98	TCLP Confirmation Pb	2 Day	16-Nov-98	16-Nov-98	0	21-Nov-98	TCLP Lead	4.4		mg/L	
VLSC-CS-025	13-Nov-98	Creek sediment grid 17	13-Nov-98	Great Lakes	13-Nov-98	PAHs and Metals	24 hr	14-Nov-98	14-Nov-98	0	19-Nov-98	Total Pb & Be	Pb 8.8		mg/kg	
													Be 0.5	U	mg/kg	
							24 hr	14-Nov-98	16-Nov-98	2	19-Nov-98	PAHs	**		mg/kg	
VLSC-CS-026	13-Nov-98	Creek slope grid 03	13-Nov-98	Great Lakes	13-Nov-98	PAHs and Metals	24 hr	14-Nov-98	14-Nov-98	0	19-Nov-98	Total Be	0.55		mg/kg	
							24 hr	14-Nov-98	16-Nov-98	2	19-Nov-98	Benzo(a)pyrene	**		mg/kg	
VLSC-F-021	13-Nov-98	Grid F-021	13-Nov-98	Great Lakes	13-Nov-98	Confirmation Pb & Be	24 hr	14-Nov-98	14-Nov-98	0	19-Nov-98	Total Pb & Be	Pb 190		mg/kg	
													Be 0.50	U	mg/kg	
VLSC-Comp-043	13-Nov-98	Batch 014, 0-1000 cuyd	13-Nov-98	Great Lakes	13-Nov-98	TCLP Confirmation Pb	2 Day	16-Nov-98	16-Nov-98	0	21-Nov-98	TCLP Lead	2.3		mg/L	
VLSC-Comp-044	13-Nov-98	Batch 014, 1000-2000 cuyd	13-Nov-98	Great Lakes	13-Nov-98	TCLP Confirmation Pb	2 Day	16-Nov-98	16-Nov-98	0	21-Nov-98	TCLP Lead	6.9		mg/L	
VLSC-CS-027	13-Nov-98	Creek slope grid 01	13-Nov-98	Great Lakes	13-Nov-98	PAHs	24 hr	14-Nov-98	16-Nov-98	2	19-Nov-98	Benzo(a)pyrene	ND		mg/kg	

SAMPLE ID	DATE COLLECTED	LOCATION	DATE SHIPPED	SELECTED LAB	LAB RECEIPT DATE	ANALYSIS TYPE	TAT	PRELIMINARY DUE DATE	ACTUAL FAX DATE	DAYS LATE	FINAL REPORT DUE DATE	ANALYTE	RESULT	FLAG	UNITS	COMMENTS
VLSC-Comp-045	16-Nov-98	North 100 ft of Batch 014	18-Nov-98	EMT	18-Nov-98	TCLP Confirmation Pb	2 Day	20-Nov-98	20-Nov-98	0	25-Nov-98	TCLP Lead	1.36		mg/L	Verbal 11/20 (No QC data)
VLSC-FL-016	16-Nov-98	Fence line west of Pettibone creek	18-Nov-98	EMT	18-Nov-98	Confirmation Pb & Be	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb & Be	Pb 749		mg/kg	Verbal 11/18
													Be 0.53		mg/kg	
VLSC-F-018I	16-Nov-98	Grid F-018, 80' by 80'	18-Nov-98	EMT	18-Nov-98	Confirmation Pb	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb	1130		mg/kg	Verbal 11/18
VLSC-F-RR1P	16-Nov-98	Railroad Property	18-Nov-98	EMT	18-Nov-98	Confirmation Pb	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb	2340		mg/kg	Verbal 11/18
VLSC-F-019G	17-Nov-98	Grid F-019	18-Nov-98	EMT	18-Nov-98	Confirmation Pb	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb	1160		mg/kg	Verbal 11/18
VLSC-F-022	17-Nov-98	Grid F-022	18-Nov-98	EMT	18-Nov-98	Confirmation Pb & Be	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb & Be	Pb 222		mg/kg	Verbal 11/18
													Be 0.5		mg/kg	
VLSC-F-023	*17-Nov-98*	*Grid F-023*	*18-Nov-98*	*EMT*	*18-Nov-98*	*Confirmation Pb & Be*	*24 hr*	*19-Nov-98*	*19-Nov-98*	*0*	*24-Nov-98*	*Total Pb & Be*	*Pb 1110*		*mg/kg*	*Verbal 11/18*
													Be 0.57		*mg/kg*	
VLSC-F-024	17-Nov-98	Grid F-024	18-Nov-98	EMT	18-Nov-98	Confirmation Pb & Be	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb & Be	Pb 1040		mg/kg	Verbal 11/18
													Be 1.01		mg/kg	
VLSC-F-025	17-Nov-98	Grid F-025	18-Nov-98	EMT	18-Nov-98	Confirmation Pb & Be	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Pb & Be	Pb 665		mg/kg	Verbal 11/18
													Be 0.5	U	mg/kg	
VLSC-CS-028	17-Nov-98	Creek slope grid 06	18-Nov-98	EMT	18-Nov-98	Confirmation Be	24 hr	19-Nov-98	19-Nov-98	0	24-Nov-98	Total Be	0.5	U	mg/kg	Verbal 11/18
VLSC-CS-029	17-Nov-98	Creek slope grid 07	18-Nov-98	EMT	18-Nov-98	Benzo(a)pyrene	2 Day	20-Nov-98	20-Nov-98	0	25-Nov-98	Benzo(a)pyrene	0.14		mg/kg	Verbal 11/20 (No QC data)
VLSC-PCB-005	17-Nov-98	South half of the PCB pile	18-Nov-98	EMT	18-Nov-98	TCLP Confirmation Pb	2 Day	20-Nov-98	20-Nov-98	0	25-Nov-98	TCLP Lead	0.81		mg/L	Verbal 11/20 (No QC data)
VLSC-Comp-046	17-Nov-98	Batch 013, 0-300 cuyd	18-Nov-98	EMT	18-Nov-98	TCLP Confirmation Pb	2 Day	20-Nov-98	20-Nov-98	0	25-Nov-98	TCLP Lead	0.2	U	mg/L	Verbal 11/20 (No QC data)
VLSC-F-RR1L	16-Nov-98	Railroad Property Subgrid A	18-Nov-98	EMT	18-Nov-98	Confirmation Pb	24 hr	20-Nov-98	19-Nov-98	0	25-Nov-98	Total Pb	989		mg/kg	
VLSC-F-RR1M	16-Nov-98	Railroad Property Subgrid B	18-Nov-98	EMT	18-Nov-98	Condirmation Pb	24 hr	20-Nov-98	19-Nov-98	0	25-Nov-98	Total Pb	2170		mg/kg	
VLSC-F-RR1N	16-Nov-98	Railroad Property Subgrid C	18-Nov-98	EMT	18-Nov-98	Confirmation Pb	24 hr	20-Nov-98	19-Nov-98	0	25-Nov-98	Total Pb	3460		mg/kg	
VLSC-F-RR1Q	19-Nov-98	Railroad Property Subgrid C, east half	20-Nov-98	EMT	21-Nov-98	Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb	7620		mg/kg	
VLSC-F-RR1R	19-Nov-98	Railroad Property Subgrid C, west half	20-Nov-98	EMT	21-Nov-98	Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb	2200		mg/kg	
VLSC-F-025D	18-Nov-98	Subgrid D of Grid F-025	20-Nov-98	EMT	21-Nov-98	Confirmation Pb & Be	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb & Be	Pb 3810		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-F-024B	18-Nov-98	Subgrid B of Grid F-024	20-Nov-98	EMT	21-Nov-98	Confirmation Pb & Be	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb & Be	Pb 288		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-Comp-047	20-Nov-98	Batch 014, 0-300 cuyd from the south	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	0.2	U	mg/kg	
															mg/kg	
VLSC-Comp-048	20-Nov-98	Batch 014, 300-600 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-049	20-Nov-98	Batch 014, 600-900 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-050	20-Nov-98	Batch 014, 900-1200 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	0.96		mg/L	
VLSC-F-026	20-Nov-98	Grid F-026	20-Nov-98	EMT	21-Nov-98	Confirmation Pb & Be	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb & Be	13700		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-Comp-051	20-Nov-98	Batch 17, 1000 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	42.8		mg/L	
VLSC-Comp-052	20-Nov-98	Batch 18, 1000 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	85.8		mg/L	
VLSC-Comp-053	20-Nov-98	Batch 19, 1000 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	77.9		mg/L	
VLSC-Comp-054	20-Nov-98	Batch 20, 1000 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	73.5		mg/L	
VLSC-F-027	20-Nov-98	Grid F-027	20-Nov-98	EMT	21-Nov-98	Confirmation Pb & Be	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb & Be	Pb 7870		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-F-029	20-Nov-98	Grid F-029, subgrids A, B and C only	20-Nov-98	EMT	21-Nov-98	Confirmation Pb & Be	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	Total Pb & Be	10400		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-Comp-055	20-Nov-98	Batch 21, 1000 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	44.4		mg/L	
VLSC-Comp-056	20-Nov-98	Batch 22, 1000 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	9.44		mg/L	
VLSC-Comp-057	20-Nov-98	Batch 16, 0-300 cuyd	20-Nov-98	EMT	21-Nov-98	TCLP Confirmation Pb	3 Day	25-Nov-98	25-Nov-98	0	30-Nov-98	TCLP Lead	0.91		mg/L	
VLSC-TD-026A-1	30-Nov-98	Grid F-026 west	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	10800		mg/kg	
VLSC-TD-026B-1	30-Nov-98	Grid F-026 middle	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	6370		mg/kg	
VLSC-TD-026C-1	30-Nov-98	Grid F-026 east	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	9050		mg/kg	
VLSC-TD-027A-1	30-Nov-98	Grid F-027, subgrid D	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	14.7		mg/kg	
VLSC-TD-027B-1	30-Nov-98	Grid F-027, subgrid C	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	25.7		mg/kg	
VLSC-TD-027C-1	30-Nov-98	Grid F-027, subgrid B	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	65.5		mg/kg	
VLSC-TD-029A-1	30-Nov-98	Grid F-029, subgrid B	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	26.2		mg/kg	
VLSC-TD-029B-1	30-Nov-98	Grid F-029, subgrid C	01-Dec-98	EMT	01-Dec-98	Test Dig, Lead	24 hr	02-Dec-98	02-Dec-98	0	07-Dec-98	Total Pb	14.8		mg/kg	
VLSC-Comp-058	01-Dec-98	Batch 17, 0-300 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	12.8		mg/L	
VLSC-Comp-059	01-Dec-98	Batch 17, 300-600 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	6.69		mg/L	
VLSC-Comp-060	01-Dec-98	Batch 17, 600-900 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	1.57		mg/L	
VLSC-Comp-061	01-Dec-98	Batch 17/18, 900-1000/100-200	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	24		mg/L	
VLSC-Comp-062	01-Dec-98	Batch 18, 200-500 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	2.58		mg/L	
VLSC-Comp-063	01-Dec-98	Batch 18, 500-800 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	1.86		mg/L	
VLSC-Comp-064	01-Dec-98	Batch 18/19, 800-1000/0-100	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	3.28		mg/L	
VLSC-Comp-065	01-Dec-98	Batch 19, 100-4000 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	6.68		mg/L	
VLSC-Comp-066	01-Dec-98	Batch 19, 400-700 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	16.4		mg/L	
VLSC-Comp-067	01-Dec-98	Batch 19, 700-1000 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	19.6		mg/L	
VLSC-Comp-068	01-Dec-98	Batch 20, 0-300 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	0.62		mg/L	
VLSC-Comp-069	01-Dec-98	Batch 20, 300-600 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	6.47		mg/L	
VLSC-Comp-070	01-Dec-98	Batch 20, 600-1000 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	03-Dec-98	0	09-Dec-98	TCLP Lead	12.6		mg/L	
VLSC-Comp-071	01-Dec-98	Batch 22, 0-300 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	04-Dec-98	0	09-Dec-98	TCLP Lead	0.43		mg/L	
VLSC-Comp-072	01-Dec-98	Batch 22, 300-600 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	04-Dec-98	0	09-Dec-98	TCLP Lead	1.64		mg/L	
VLSC-Comp-073	01-Dec-98	Batch 22, 600-1000 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	04-Dec-98	0	09-Dec-98	TCLP Lead	0.27		mg/L	
VLSC-Comp-074	01-Dec-98	Batch 21, 0-300 cuyd	01-Dec-98	EMT	01-Dec-98	TCLP Confirmation Pb	3 Day	04-Dec-98	04-Dec-98	0	09-Dec-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-075	02-Dec-98	Batch 21, 300-600 cuyd	02-Dec-98	EMT	02-Dec-98	TCLP Confirmation Pb	3 Day	05-Dec-98	04-Dec-98	0	10-Dec-98	TCLP Lead	0.46		mg/L	
VLSC-Comp-076	02-Dec-98	Batch 21, 600-900 cuyd	02-Dec-98	EMT	02-Dec-98	TCLP Confirmation Pb	3 Day	05-Dec-98	04-Dec-98	0	10-Dec-98	TCLP Lead	2.57		mg/L	
VLSC-Comp-077	02-Dec-98	Batch 21, 900-1200 cuyd	02-Dec-98	EMT	02-Dec-98	TCLP Confirmation Pb	3 Day	05-Dec-98	04-Dec-98	0	10-Dec-98	TCLP Lead	22.6		mg/L	
VLSC-P-034	02-Dec-98	13.5' East, 23.5' South from Center	02-Dec-98	EMT	02-Dec-98	PCB Confirmation	3 Day	05-Dec-98	04-Dec-98	0	10-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/3

SAMPLE ID	DATE COLLECTED	LOCATION	DATE SHIPPED	SELECTED LAB	LAB RECEIPT DATE	ANALYSIS TYPE	TAT	PRELIMINARY DUE DATE	ACTUAL FAX DATE	DAYS LATE	FINAL REPORT DUE DATE	ANALYTE	RESULT	FLAG	UNITS	COMMENTS
VLSC-P-035	02-Dec-98	27' East, 47' South from Center	02-Dec-98	EMT	02-Dec-98	PCB Confirmation	3 Day	05-Dec-98	04-Dec-98	0	10-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/3
VLSC-P-036	02-Dec-98	13.5' East, 23.5' North from Center	02-Dec-98	EMT	02-Dec-98	PCB Confirmation	3 Day	05-Dec-98	04-Dec-98	0	10-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/3
VLSC-P-037	03-Dec-98	47' South from Center	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/4
VLSC-P-038	03-Dec-98	27' East, 47' south from Center	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/4
VLSC-P-039	03-Dec-98	40.5' East, 23.5' South from Center	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.593		mg/kg	Ordered 12/4
VLSC-P-040	03-Dec-98	54' East from Center	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/4
VLSC-P-041	03-Dec-98	40.5' East, 23.5' North from Center	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/4
VLSC-P-042	03-Dec-98	Duplicate of VLSC-P-041	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.16	U	mg/kg	Ordered 12/4, Dup of P-041
VLSC-P-043	03-Dec-98	27' East, 47' North from Center	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	PCB	0.2	U	mg/kg	Ordered 12/4
VLSC-PCB-006	03-Dec-98	PCB batch 23	03-Dec-98	EMT	03-Dec-98	PCB Confirmation	3 Day	07-Dec-98	08-Dec-98	1	12-Dec-98	PCB	35.1		mg/kg	Ordered 12/4, Result late
VLSC-F-026I	03-Dec-98	Grid F-026, subgrid A	03-Dec-98	EMT	03-Dec-98	Confirmation Pb	3 Day	04-Dec-98	04-Dec-98	0	09-Dec-98	Total Pb	2860		mg/kg	Ordered 12/4
VLSC-F-026J	03-Dec-98	Duplicate of VLSC-F-026I	03-Dec-98	EMT	03-Dec-98	Confirmation Pb	3 Day	04-Dec-98	04-Dec-98	0	09-Dec-98	Total Pb	2320		mg/kg	Ordered 12/4, Dup of F-026I
VLSC-Comp-078	04-Dec-98	Batch 20, 600-1000 cuyd	04-Dec-98	EMT	04-Dec-98	TCLP Confirmation Pb	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	TCLP Lead	0.2		mg/L	results due 12/7/98 0700
VLSC-Comp-079	04-Dec-98	Batch 20, 300-600 cuyd	04-Dec-98	EMT	04-Dec-98	TCLP Confirmation Pb	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	TCLP Lead	0.2		mg/L	results due 12/7/98 0700
VLSC-Comp-080	04-Dec-98	Batch 19, 700-1000 cuyd	04-Dec-98	EMT	04-Dec-98	TCLP Confirmation Pb	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	TCLP Lead	0.2		mg/L	results due 12/7/98 0700
VLSC-Comp-081	04-Dec-98	Batch 19, 400-700 cuyd	04-Dec-98	EMT	04-Dec-98	TCLP Confirmation Pb	3 Day	07-Dec-98	07-Dec-98	0	12-Dec-98	TCLP Lead	0.2		mg/L	results due 12/7/98 0700
VLSC-FL-017	05-Dec-98	West gate entrance, 30'	05-Dec-98	EMT	05-Dec-98	Confirmation Pb & Be	24 hr	07-Dec-98	07-Dec-98	0	12-Dec-98	Total Pb & Be	Pb 8.82 Be 0.5	 U	mg/kg mg/kg	results due 12/7/98 0700
VLSC-Comp-082	07-Dec-98	Batch 21, 900-1200 cuyd	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	09-Dec-98	09-Dec-98	0	14-Dec-98	TCLP Lead	0.24		mg/L	
VLSC-Comp-083	07-Dec-98	Batch 23, 0-300 cuyd North side	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	09-Dec-98	09-Dec-98	0	14-Dec-98	TCLP Lead	0.79		mg/L	
VLSC-Comp-084	07-Dec-98	Batch 23, 300-600 cuyd South side	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	09-Dec-98	09-Dec-98	0	14-Dec-98	TCLP Lead	0.68		mg/L	
VLSC-Comp-085	07-Dec-98	Batch 19, 100-4000 cuyd	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	10-Dec-98	09-Dec-98	0	15-Dec-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-086	07-Dec-98	Batch 17/18, 900-1000/100-200	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	10-Dec-98	09-Dec-98	0	15-Dec-98	TCLP Lead	1.12		mg/L	
VLSC-Comp-087	07-Dec-98	Batch 17, 300-600 cuyd	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	10-Dec-98	09-Dec-98	0	15-Dec-98	TCLP Lead	0.61		mg/L	
VLSC-Comp-088	07-Dec-98	Batch 17, 0-300 cuyd	07-Dec-98	EMT	07-Dec-98	TCLP Confirmation Pb	2 Day	10-Dec-98	09-Dec-98	0	15-Dec-98	TCLP Lead	0.4		mg/L	
VLSC-F-026E	03-Dec-98	Grid F-026, subgrid A	03-Dec-98	EMT	03-Dec-98	Confirmation Pb	24 hr	08-Dec-98	07-Dec-98	0	13-Dec-98	Total Pb	4540		mg/kg	Ordered 12/7
VLSC-F-026F	03-Dec-98	Grid F-026, subgrid B	03-Dec-98	EMT	03-Dec-98	Confirmation Pb	24 hr	08-Dec-98	07-Dec-98	0	13-Dec-98	Total Pb	4980		mg/kg	Ordered 12/7
VLSC-F-026G	03-Dec-98	Grid F-026, subgrid C	03-Dec-98	EMT	03-Dec-98	Confirmation Pb	24 hr	08-Dec-98	07-Dec-98	0	13-Dec-98	Total Pb	708		mg/kg	Ordered 12/7
VLSC-F-026H	03-Dec-98	Grid F-026, subgrid D	03-Dec-98	EMT	03-Dec-98	Confirmation Pb	24 hr	08-Dec-98	07-Dec-98	0	13-Dec-98	Total Pb	413		mg/kg	Ordered 12/7
VLSC-F-026M	08-Dec-98	Grid F-026, subgrids A & B	08-Dec-98	EMT	08-Dec-98	Confirmation Pb	24 hr	09-Dec-98	09-Dec-98	0	14-Dec-98	Total Pb	18.6		mg/kg	
VLSC-Comp-089	08-Dec-98	Batch 24, 0-300 cuyd North side	08-Dec-98	EMT	08-Dec-98	TCLP Confirmation Pb	2 Day	10-Dec-98	10-Dec-98	0	15-Dec-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-090	08-Dec-98	Batch 24, 300-600 cuyd	08-Dec-98	EMT	08-Dec-98	TCLP Confirmation Pb	2 Day	10-Dec-98	10-Dec-98	0	15-Dec-98	TCLP Lead	0.25		mg/L	
VLSC-Comp-091	09-Dec-98	Batch 24, 600-900 cuyd	09-Dec-98	EMT	09-Dec-98	TCLP Confirmation Pb	2 Day	11-Dec-98	11-Dec-98	0	16-Dec-98	TCLP Lead	5.93		mg/L	
VLSC-Comp-092	09-Dec-98	Batch 25, 0-300 cuyd	09-Dec-98	EMT	09-Dec-98	TCLP Confirmation Pb	2 Day	11-Dec-98	11-Dec-98	0	16-Dec-98	TCLP Lead	9.49		mg/L	
VLSC-F-027I	09-Dec-98	Grid F-027, subgrid D of Grid 25 included	09-Dec-98	EMT	09-Dec-98	Confirmation Pb	24 hr	10-Dec-98	10-Dec-98	0	15-Dec-98	Total Pb	30.6		mg/kg	
VLSC-F-029E	09-Dec-98	Grid F-029, North half	09-Dec-98	EMT	09-Dec-98	Confirmation Pb	24 hr	10-Dec-98	10-Dec-98	0	15-Dec-98	Total Pb	24		mg/kg	
VLSC-F-028	10-Dec-98	Grid F-028	10-Dec-98	EMT	10-Dec-98	Confirmation Pb	24 hr	11-Dec-98	11-Dec-98	0	16-Dec-98	Total Pb	Pb 850 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-029F	10-Dec-98	Grid F-029, South half	10-Dec-98	EMT	10-Dec-98	Confirmation Pb	24 hr	11-Dec-98	11-Dec-98	0	16-Dec-98	Total Pb	Pb 738 Be 0.5	 U	mg/kg mg/kg	
VLSC-F-024B	10-Dec-98	Grid F-024, subgrid B	10-Dec-98	EMT	10-Dec-98	Confirmation Pb	24 hr	11-Dec-98	11-Dec-98	0	16-Dec-98	Total Pb	Pb 22.1 Be 0.62		mg/kg mg/kg	
VLSC-F-023B	10-Dec-98	Grid F-023, subgrid B	10-Dec-98	EMT	10-Dec-98	Confirmation Pb	24 hr	11-Dec-98	11-Dec-98	0	16-Dec-98	Total Pb	Pb 45.8 Be 0.63		mg/kg mg/kg	
VLSC-Comp-093	10-Dec-98	Batch 25, 300-600 cuyd	10-Dec-98	EMT	10-Dec-98	TCLP Confirmation Pb	2 Day	12-Dec-98	12-Dec-98	0	17-Dec-98	TCLP Lead	2.37		mg/L	
VLSC-F-030	11-Dec-98	Grid F-030	11-Dec-98	EMT	11-Dec-98	Confirmation Pb & Be	24 hr	12-Dec-98	12-Dec-98	0	17-Dec-98	Total Pb & Be	Pb 39.1 Be 0.62		mg/kg mg/kg	
VLSC-F-032A	11-Dec-98	Grid F-032, North half	11-Dec-98	EMT	11-Dec-98	Confirmation Pb & Be	24 hr	12-Dec-98	12-Dec-98	0	17-Dec-98	Total Pb & Be	Pb 95.7 Be 0.55		mg/kg mg/kg	
VLSC-Comp-094	11-Dec-98	300 cuyd	11-Dec-98	EMT	11-Dec-98	TCLP Confirmation Pb	2 Day	14-Dec-98	12-Dec-98	0	19-Dec-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-095	11-Dec-98	300 cuyd	11-Dec-98	EMT	11-Dec-98	TCLP Confirmation Pb	2 Day	14-Dec-98	12-Dec-98	0	19-Dec-98	TCLP Lead	4.59		mg/L	
VLSC-Comp-096	15-Dec-98	retreat comp-092	15-Dec-98	EMT	15-Dec-98	TCLP Confirmation Pb	2 Day	17-Dec-98	17-Dec-98	0	22-Dec-98	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-097	15-Dec-98	retreat comp-091	15-Dec-98	EMT	15-Dec-98	TCLP Confirmation Pb	2 Day	17-Dec-98	17-Dec-98	0	22-Dec-98	TCLP Lead	0.25		mg/L	
VLSC-Comp-098	15-Dec-98	untreated soils	15-Dec-98	EMT	15-Dec-98	TCLP Confirmation Pb	2 Day	17-Dec-98	17-Dec-98	0	22-Dec-98	TCLP Lead	35.5		mg/L	
VLSC-Comp-099	15-Dec-98	300 cuyd	15-Dec-98	EMT	15-Dec-98	TCLP Confirmation Pb	2 Day	17-Dec-98	17-Dec-98	0	22-Dec-98	TCLP Lead	1.92		mg/L	
VLSC-Comp-100	15-Dec-98	300 cuyd	15-Dec-98	EMT	15-Dec-98	TCLP Confirmation Pb	2 Day	17-Dec-98	17-Dec-98	0	22-Dec-98	TCLP Lead	2.7		mg/L	
VLSC-F-031	15-Dec-98	Grid F-031	15-Dec-98	EMT	15-Dec-98	Confirmation Pb & Be	24 hr	16-Dec-98	16-Dec-98	0	21-Dec-98	Total Pb & Be	Pb 1450 Be 0.62		mg/kg mg/kg	
VLSC-F-032B	15-Dec-98	Grid F-032 South half	15-Dec-98	EMT	15-Dec-98	Confirmation Pb & Be	24 hr	16-Dec-98	16-Dec-98	0	21-Dec-98	Total Pb & Be	Pb 404 Be 0.56		mg/kg mg/kg	
VLSC-Comp-101	16-Dec-98	300 cuyd	16-Dec-98	EMT	16-Dec-98	TCLP Confirmation Pb	2 Day	18-Dec-98	18-Dec-98	0	23-Dec-98	TCLP Lead	1.15		mg/L	
VLSC-Comp-102	16-Dec-98	300 cuyd	16-Dec-98	EMT	16-Dec-98	TCLP Confirmation Pb	2 Day	18-Dec-98	18-Dec-98	0	23-Dec-98	TCLP Lead	4.92		mg/L	
VLSC-F-033	16-Dec-98	Grid F-033	16-Dec-98	EMT	16-Dec-98	Confirmation Pb & Be	24 hr	17-Dec-98	17-Dec-98	0	22-Dec-98	Total Pb & Be	Pb 323 Be 0.6		mg/kg mg/kg	
VLSC-Comp-103	17-Dec-98	300 cuyd	17-Dec-98	EMT	17-Dec-98	TCLP Confirmation Pb	2 Day	19-Dec-98	19-Dec-98	0	24-Dec-98	TCLP Lead	3.91		mg/L	
VLSC-F-031A	15-Dec-98	Grid F-031, subgrid A	15-Dec-98	EMT	15-Dec-98	Confirmation Pb	24 hr	18-Dec-98	17-Dec-98	0	23-Dec-98	Total Pb	5990		mg/kg	Oredered 12/17
VLSC-F-031B	15-Dec-98	Grid F-031, subgrid B	15-Dec-98	EMT	15-Dec-98	Confirmation Pb	24 hr	18-Dec-98	17-Dec-98	0	23-Dec-98	Total Pb	74.7		mg/kg	Oredered 12/17
VLSC-F-031C	15-Dec-98	Grid F-031, subgrid C	15-Dec-98	EMT	15-Dec-98	Confirmation Pb	24 hr	18-Dec-98	17-Dec-98	0	23-Dec-98	Total Pb	5240		mg/kg	Oredered 12/17
VLSC-F-031D	15-Dec-98	Grid F-031, subgrid D	15-Dec-98	EMT	15-Dec-98	Confirmation Pb	24 hr	18-Dec-98	17-Dec-98	0	23-Dec-98	Total Pb	372		mg/kg	Oredered 12/17
VLSC-F-028B	10-Dec-98	Grid F-028, subgrid B	10-Dec-98	EMT	10-Dec-98	Confirmation Pb	24 hr	18-Dec-98	17-Dec-98	0	23-Dec-98	Total Pb	2330		mg/kg	Oredered 12/17
VLSC-F-043	19-Dec-98	Grid F-043	19-Dec-98	EMT	19-Dec-98	Confirmation Pb & Be	24 hr	21-Dec-98	21-Dec-98	0	26-Dec-98	Total Pb & Be	Pb 78.3 Be 0.8		mg/kg mg/kg	
VLSC-Comp-105	19-Dec-98	300 cuyd	19-Dec-98	EMT	19-Dec-98	TCLP Confirmation Pb	2 Day	22-Dec-98	22-Dec-98	0	27-Dec-98	TCLP Lead	1.22		mg/L	
VLSC-Comp-106	19-Dec-98	300 cuyd	19-Dec-98	EMT	19-Dec-98	TCLP Confirmation Pb	2 Day	22-Dec-98	22-Dec-98	0	27-Dec-98	TCLP Lead	0.54		mg/L	

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VLSC-F-040	20-Dec-98	Grid F-040	20-Dec-98	EMT	20-Dec-98	Confirmation Pb & Be	24 hr	22-Dec-98	22-Dec-98	0	27-Dec-98	Total Pb & Be	Pb 520		mg/kg	
													Be 0.6		mg/kg	
VLSC-F-042	20-Dec-98	Grid F-042	20-Dec-98	EMT	20-Dec-98	Confirmation Pb & Be	24 hr	22-Dec-98	22-Dec-98	0	27-Dec-98	Total Pb & Be	Pb 46.2		mg/kg	
													Be 0.50	U		
VLSC-Comp-107	21-Dec-98	300 cuyd	22-Dec-98	EMT	22-Dec-98	TCLP Confirmation Pb	2 Day	28-Dec-98	28-Dec-98	0	02-Jan-99	TCLP Lead	0.61		mg/L	
VLSC-F-028E	21-Dec-98	Grid F-028, subgrid B	22-Dec-98	EMT	22-Dec-98	Confirmation Pb	24 hr	28-Dec-98	28-Dec-98	0	02-Jan-99	Total Pb	6.7		mg/kg	
VLSC-F-031E	21-Dec-98	Grid F-031, subgrid A	22-Dec-98	EMT	22-Dec-98	Confirmation Pb	24 hr	28-Dec-98	28-Dec-98	0	02-Jan-99	Total Pb	18.3		mg/kg	
VLSC-F-031F	21-Dec-98	Grid F-031, subgrid C	22-Dec-98	EMT	22-Dec-98	Confirmation Pb	24 hr	28-Dec-98	28-Dec-98	0	02-Jan-99	Total Pb	9.33		mg/kg	
VLSC-Comp-108	21-Dec-98	300 cuyd	22-Dec-98	EMT	22-Dec-98	TCLP Confirmation Pb	2 Day	28-Dec-98	28-Dec-98	0	02-Jan-99	TCLP Lead	0.26		mg/L	
VLSC-F-034	22-Dec-98	Grid F-034	22-Dec-98	EMT	22-Dec-98	Confirmation Pb & Be	24 hr	23-Dec-98	23-Dec-98	0	28-Dec-98	Total Pb & Be	Pb 312		mg/kg	
													Be 0.50		mg/kg	
VLSC-F-036	22-Dec-98	Grid F-036	23-Dec-98	EMT	23-Dec-98	Confirmation Pb & Be	24 hr	26-Dec-98	26-Dec-98	0	31-Dec-98	Total Pb & Be	Pb 473		mg/kg	
													Be 0.57		mg/kg	
VLSC-F-039	23-Dec-98	Grid F-039	23-Dec-98	EMT	23-Dec-98	Confirmation Pb & Be	24 hr	26-Dec-98	26-Dec-98	0	31-Dec-98	Total Pb & Be	Pb 81.8		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-F-037	23-Dec-98	Grid F-037	23-Dec-98	EMT	23-Dec-98	Confirmation Pb & Be	24 hr	26-Dec-98	26-Dec-98	0	31-Dec-98	Total Pb & Be	Pb 42.7		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-Comp-109	23-Dec-98	300 cuyd	23-Dec-98	EMT	23-Dec-98	TCLP Confirmation Pb	2 Day	31-Dec-98	31-Dec-98	0	05-Jan-99	TCLP Lead	0.21		mg/L	
VLSC-Comp-110	23-Dec-98	300 cuyd	23-Dec-98	EMT	23-Dec-98	TCLP Confirmation Pb	2 Day	31-Dec-98	31-Dec-98	0	05-Jan-99	TCLP Lead	1.88		mg/L	
VLSC-Comp-111	23-Dec-98	300 cuyd	23-Dec-98	EMT	23-Dec-98	TCLP Confirmation Pb	2 Day	31-Dec-98	31-Dec-98	0	05-Jan-99	TCLP Lead	2.32		mg/L	
VLSC-F-036R	30-Dec-98	Grid F-036, underlying haul road	30-Dec-98	EMT	30-Dec-98	Confirmation Pb & Be	24 hr	04-Jan-99	04-Jan-99	0	09-Jan-99	Total Pb & Be	Pb 252		mg/kg	
													Be 0.60		mg/kg	
VLSC-F-043R	30-Dec-98	Grid F-043, underlying haul road	30-Dec-98	EMT	30-Dec-98	Confirmation Pb & Be	24 hr	04-Jan-99	04-Jan-99	0	09-Jan-99	Total Pb & Be	Pb 27.8		mg/kg	
													Be 0.5		mg/kg	
VLSC-F-037R	30-Dec-98	Grid F-037, underlying haul road	30-Dec-98	EMT	30-Dec-98	Confirmation Pb & Be	24 hr	04-Jan-99	04-Jan-99	0	09-Jan-99	Total Pb & Be	Pb 20.9		mg/kg	
													Be 0.62		mg/kg	
VLSC-F-042R	31-Dec-98	Grid F-042, underlying haul road	31-Dec-98	EMT	31-Dec-98	Confirmation Pb & Be	24 hr	04-Jan-99	04-Jan-99	0	09-Jan-99	Total Pb & Be	Pb 12.5		mg/kg	
													Be 0.77		mg/kg	
VLSC-Comp-112	31-Dec-98	300 cuyd	31-Dec-98	EMT	31-Dec-98	TCLP Confirmation Pb	2 Day	04-Jan-99	04-Jan-99	0	09-Jan-99	TCLP Lead	0.93		mg/L	
VLSC-Comp-113	31-Dec-98	300 cuyd	31-Dec-98	EMT	31-Dec-98	TCLP Confirmation Pb	2 Day	04-Jan-99	04-Jan-99	0	09-Jan-99	TCLP Lead	0.2	U	mg/L	
VLSC-Comp-114	05-Jan-99	300 cuyd	06-Jan-99	EMT	06-Jan-99	TCLP Confirmation Pb	2 Day	08-Jan-99	08-Jan-99	0	13-Jan-99	TCLP Lead			mg/L	
VLSC-Comp-115	06-Jan-99	300 cuyd	06-Jan-99	EMT	06-Jan-99	TCLP Confirmation Pb	2 Day	08-Jan-99	08-Jan-99	0	13-Jan-99	TCLP Lead			mg/L	
VLSC-F-039R	06-Jan-99	Grid F-039, underlying haul road	06-Jan-99	EMT	06-Jan-99	Confirmation Pb & Be	24 hr	07-Jan-99	07-Jan-99	0	12-Jan-99	Total Pb & Be	Pb 116		mg/kg	
													Be 0.5	U	mg/kg	
VLSC-CP-001	14-Jan-99	Confirm areas used for stockpiling	14-Jan-99	EMT	14-Jan-99	Confirmation Pb	24 hr	15-Jan-99	15-Jan-99	0	20-Jan-99	Total Pb	2120		mg/kg	
VLSC-CP-002	14-Jan-99	Confirm areas used for stockpiling	14-Jan-99	EMT	14-Jan-99	Confirmation Pb	24 hr	15-Jan-99	15-Jan-99	0	20-Jan-99	Total Pb	11300		mg/kg	
VLSC-CP-003	14-Jan-99	Confirm areas used for stockpiling	14-Jan-99	EMT	14-Jan-99	Confirmation Pb	24 hr	15-Jan-99	15-Jan-99	0	20-Jan-99	Total Pb	3070		mg/kg	
VLSC-CP-004	14-Jan-99	Confirm areas used for stockpiling	14-Jan-99	EMT	14-Jan-99	Confirmation Pb	24 hr	15-Jan-99	15-Jan-99	0	20-Jan-99	Total Pb	3220		mg/kg	
VLSC-CP-005	14-Jan-99	Confirm areas used for stockpiling	14-Jan-99	EMT	14-Jan-99	Confirmation Pb	24 hr	15-Jan-99	15-Jan-99	0	20-Jan-99	Total Pb	5920		mg/kg	
VLSC-CP-006	14-Jan-99	Confirm areas used for stockpiling	14-Jan-99	EMT	14-Jan-99	Confirmation Pb	24 hr	15-Jan-99	15-Jan-99	0	20-Jan-99	Total Pb	5000		mg/kg	
VLSC-Comp99-1	16-May-99	600 cuyd	18-May-99	EMT	18-May-99	TCLP Confirmation Pb	3 Day	21-May-99	22-May-99	1	28-May-99	TCLP Lead	0.2	U	mg/L	
VLSC-FC-007	18-May-99	Confirm areas used for stockpiling	18-May-99	EMT	18-May-99	Confirmation Pb	24 hr	19-May-99	19-May-99	0	26-May-99	Total Pb	15.2		mg/kg	
VLSC-FC-008	18-May-99	Confirm areas used for stockpiling	18-May-99	EMT	18-May-99	Confirmation Pb	24 hr	19-May-99	19-May-99	0	26-May-99	Total Pb	21.4		mg/kg	
VLSC-FC-009	18-May-99	Confirm areas used for stockpiling	18-May-99	EMT	18-May-99	Confirmation Pb	24 hr	19-May-99	19-May-99	0	26-May-99	Total Pb	87.2		mg/kg	
VLSC-FC-010	18-May-99	Confirm areas used for stockpiling	18-May-99	EMT	18-May-99	Confirmation Pb	24 hr	19-May-99	19-May-99	0	26-May-99	Total Pb	4.85		mg/kg	
VLSC-FC-011	18-May-99	Confirm areas used for stockpiling	18-May-99	EMT	18-May-99	Confirmation Pb	24 hr	19-May-99	19-May-99	0	26-May-99	Total Pb	27.9		mg/kg	

SAMPLE ID INFORMATION

VLSC - Vulcan Louisville Smelter Co
PC - Precharacterization for TCLP Lead
PE - Pre-excavation for PCB total
PS - Pre-characterization of Creek Slopes
FL - Outside Fence Line
F - Floor of excavation, Lead only
SW - Sidewall of excavation

LABORATORY FLAG INFORMATION

U - below method detection limit
A - characteristic of laboratory contamination
ND - non detect

ELEMENT OR COMPOUND NAME

Pb - Lead
Be - Beryllium
EOX - Extractable Organic Halides
PAH - Polynuclear Aromatic Hydrocarbons
PCB - Polychlorinated biphenyls

APPENDIX H
ACCIDENT REPORT

INTERNATIONAL TECHNOLOGY CORPORATION

ACCIDENT REVIEW BOARD

9/21/98	LOCATION: NORTH CHICAGO #920892
BOARD MEMBERS: JIM HORN, ANDREW JOHNSON, TODD TEETS, TOM WARREN, MIKE HAASE	
ACCIDENT DATE: 9/17/98	INJURED EMPLOYEES: MIKE HAASE
INVESTIGATION COMPLETE: YES ☑ NO ☐	ACCIDENT TYPE: FIRST AID

THE FOLLOWING INFORMATION MUST BE PROVIDED BY THE REVIEW BOARD FOR THIS INCIDENT (PRINT):

SUPERVISOR: JIM HORN SITE SAFETY OFFICER TODD D. TEETS

PROJECT MGR: TOM WARREN

CAUSE OF ACCIDENT: EMPLOYEE WAS DEPLOYING DUST CONTROL W/WATER TRUCK. HE WAS BACKING TO THE EDGE OF THE EXCAVATION, TO COVER THE AREA. HE GOT TOO CLOSE TO THE EDGE OF THE EXCAVATION, RT. REAR TIRE ENTERED THE EXCAV. AND THE VEHICLE ROLLED ONTO THE RIGHT (PASSENGER) SIDE.

ACTION BY BOARD*:
ENSURE ONLY EXPERIENCED PERSONNEL OPERATE WATER TRUCK.
DESIGNATE ROUTE FOR TRUCK TO TRAVEL.
JSA BEING DEVELOPED FOR THE TASK.
REVIEWED ACCIDENT IN THE NEXT SAFETY MEETING.

*ALL ACTIONS BY THE ACCIDENT REVIEW BOARD ARE SUBJECT TO FINAL REVIEW BY THE HUMAN RESOURCES AND LEGAL DEPARTMENTS.

ACCEPTED: Mike Haase 958045 — EMPLOYEE SIGNATURE

MANAGER SIGNATURE

APPROVED: _____ HS MANAGER

REJECTED FOR: _____

APPROVED: _____ LOATION/AREA MANAGER

REJECTED FOR: _____

APPROVED: _____ BUSINESS UNIT VICE PRESIDENT

REJECTED FOR: _____

HS020.6/1-15-96

INTERNATIONAL TECHNOLOGY CORPORATION

ACCIDENT/INJURY INVESTIGATION

*** MUST BE COMPLETED WITHIN 72 HOURS ***

Investigation Date 9/18/98 Date of Accident/Injury 9/17/98

Employee Name MICHAEL HAASE

Supervisor Name JIM HORN HSO TODD TEETS

Job Number/Name 920892 , VACANT LOT SITE - NORTH CHICAGO

Location of Accident/Injury EDGE OF EXCAVATION IN THE EXCLUSION ZONE.

- Accident/Injury Classification

Injury	Vehicle	DOT
☐ Near Miss	☐ Chargeable	☐ DOT Vehicle
☐ First Aid	☐ Non-Chargeable	☐ DOT Reportable
☐ OSHA Recordable	☐ Not at Fault	
☐ Lost Workday		

General Liability ☐

- Description (Provide facts, describe how incident occurred, provide diagram (on back) or photos)

EMPLOYEE WAS DEPLOYING DUST CONTROL W/ WATER TRUCK. HE WAS BACKING TO THE EDGE OF THE EXCAVATION TO COVER AREA. GOT TOO CLOSE, RT. REAR TIRES ENTERED THE EXCAV. AND THE VEHICLE ROLLED ONTO ITS SIDE.

- Analysis 1 (What unsafe acts or conditions contributed to the incident?)

1) BACKING W/O SPOTTER.

2) DID NOT ADHERE TO 2 FT. FROM EXCAVATION FACE.

- Analysis 2 (What systematic or management deficiencies contributed to incident?)

LACK OF JSA FOR TASK.

- Corrective Action(s) (List corrective action items, responsible person, scheduled completion date)

1) REVIEWED HOW + WHY OF ACCIDENT IN NEXT SAFETY MTG. (CREW PARTICIPATED)

2) PLANNING ROUTE FOR H_2O DEPLOYMENT. 3) JSA BEING DEVELOPED.

- Witnesses (Attach statements or indicate why unavailable)

NONE PRESENT IN THE PRECISE AREA OF THE ACCIDENT AT THE TIME OF ACCIDENT.

	Print Name	Signature	Date
Investigated By	TODD D. TEETS	Todd D. Teets	9/21/98
Manager	Thomas W. Lukrek	[illegible]	9/21/98

HS020.5/1-15-96

(Attach Additional pages if needed)

INTERNATIONAL TECHNOLOGY CORPORATION

SUPERVISOR'S EMPLOYEE INJURY REPORT

This is an official document to be initiated by the employee's supervisor. Please answer all questions completely. This report must be forwarded to the employee's Regional Health and Safety office within 24 hours of the injury.

Injured's Name MICHAEL A. HASSE Sex M S.S. No. 500 88 2718 Birthdate 11 13 70
Home Address 1 STANWAY LANE
City BELLA VISTA State AR Zip 72714 Phone 501 876 6839
Job title RECOVERY TECH Hire Date _____ Hourly wage _____

SUPERVISOR

Date of Incident 9 17 98 Time 1515 Time reported 1515 To whom? JIM HORN
Project Name VACANT LOT SITE Project # 920892 Time shift began 0600
Project Address NORTH CHICAGO, IL Did the employee leave work? ☐ No ☒ Yes When _____
Has employee returned to work? ☐ No ☒ Yes When _____ Did employee miss a regularly scheduled shift? ☒ No ☐ Yes
Doctor/Hospital name P. DRAPER / ST. TERESE HOSATAL Address WAUKEGAN, ILLINOIS
Witness name(s) _____ Statement attached? ☐ No ☐ Yes
Nature of injury MINOR Lft. NECK STRAIN Exact body part NECK
Medical attention: ☒ None ☐ First aid on site ☐ Doctor's office ☐ Hospital ER ☐ Hospitalized
Job assignment at time of incident _____ Job REMEDIATION Phase EXCAVATION Task DUST CONTROL Subtask: _____
Describe incident WATER TRUCK WAS BACKED UP INTO AN EXCAVATED AREA

What unsafe physical condition or unsafe act caused the incident? EMPLOYEE NOT FOCUSSED ON THE CURRENT WORK ACTIVITIES TO REMEMBER OR EVEN LOOK AT WHERE THE EXCAVATION WAS BEFORE DECIDING TO BACK UP.

What corrective action has been taken to prevent recurrence? (MINIMIZE BACKING UP) PLAN YOUR ROUTES SO BACKING UP IS MINIMIZED. BACK UP ONLY IN AREAS OF NO ACTIVITIES, OR PHYSICAL HAZARDS, OR IF ALL OF THESE ARE IMPRACTICLE NO BACKING UP UNTIL YOU HAVE A SPOTTER

Supervisor/~~Foreman~~ JAMES HORN (Print) [signature] Signature 9/18/98 Date

Project Manager _____ (Print) _____ Signature _____ Date

Site Safety Officer TODD D. TEETS (Print) [signature] Signature 9/21/98 Date

MANAGER

Comments on incident and corrective action _____

Manager's name [signature] (Print) [signature] Signature 9/21/98 Date

HLTH & SAFETY

Concur with action taken? ☐ No ☒ Yes Remarks DEVELOPING JSA ON WATER TRUCK USAGE.

OSHA Classification:
☐ Incident only ☐ First aid ☐ Recordable, no lost/restricted workdays ☐ Lost workdays ☐ Restricted activity ☐ Fatality

Days away from work 0 Days restricted work 0 Total days charged 0
Name TODD D. TEETS (Print) [signature], IT Signature 9/21/98 Date

HS020.2/4-15-96 Submit copies to: National HS, Corporate Risk Mgmt., Region HS, Project Mgr., and EMR

INTERNATIONAL TECHNOLOGY CORPORATION

VEHICLE ACCIDENT REPORT

ACCIDENT DESCRIPTION

IDENT DATE 9-17-98 TIME 3:05 A.M. or P.M.

LOCATION (CITY,STATE) Vacant lot site N. Chicago IL.

DESCRIPTION OF ACCIDENT Water truck driven over edge of excavation wall Aprox. 2 feet in depth, with Approx ¾ to 1 tank of water and tipped over. Was Backing up truck spraying with Left Rear spring Bal

WITNESS N/A PHONE # ( )

ADDRESS CITY STATE ZIP

POLICE OFFICER'S NAME N/A DEPARTMENT

IT VEHICLE

DRIVER Michael A. Haase DRIVERS LICENSE 905232724 STATE AL

ADDRESS 1 Stan way ln CITY Bella Vista STATE AL ZIP 72714

WORK PHONE # (847) 473-1693 SS# 500-86-2713 PROJECT NAME/# Vacant lot site

VEHICLE # Water truck YEAR MAKE International MODEL Paystar LICENSE PLATE # 165

STATE WIS VEHICLE OWNER: ☐ IT CORP ☒ LEASED/RENTED ☐ PRIVATE VEHICLE

VEHICLE TYPE: ☐ COMMERCIAL MOTOR VEHICLE ☐ NON-COMMERCIAL

IF NOT OWNED: OWNER Heitbar (Hertz) PHONE ( )

ADDRESS CITY STATE ZIP

VEHICLE DAMAGE

OF VEHICLES TOWED FROM SCENE NUMBER OF INJURIES NUMBER OF FATALITIES

WERE HAZARDOUS MATERIALS RELEASED? ☐ YES ☒ NO IF YES, DESCRIBE MATERIALS

OTHER VEHICLE

DRIVER DRIVERS LICENSE STATE

ADDRESS CITY STATE ZIP

PHONE #( ) SS#

OWNERS NAME (CHECK IF SAME AS DRIVER ☐)

ADDRESS City STATE ZIP

INSURANCE COMPANY POLICY #

AGENT'S NAME PHONE # ( )

ADDRESS CITY STATE ZIP

VEHICLE. YEAR MAKE MODEL PLATE # STATE

VEHICLE I.D. #

VEHICLE DAMAGE

PASSENGERS. ☐ YES ☐ NO INJURIES: ☐ YES (List names & addresses below) ☐ NO

REPORT MUST BE CALLED IN OR FAXED TO:
CSSC/TRAVELERS (PHONE: 800-832-7839 * FAX: 800-842-8571)
AND HEALTH & SAFETY (PHONE: 412-372-7701 * FAX: 412-858-3976)
AND CORPORATE RISK MANAGEMENT (PHONE: 412-372-7701 * FAX: 412-373-7135)
WITHIN 24 HOURS, OR NOT LATER THAN NEXT BUSINESS DAY.

INTERNATIONAL TECHNOLOGY CORPORATION

VEHICLE ACCIDENT REPORT (continued)

WEATHER: ☐ Clear ☐ Cloudy ☐ Fog ☐ Rain ☐ Sleet ☐ Snow Other clear sunny day

EMENT: ☐ Asphalt ☐ Steel ☐ Concrete ☐ Wood ☒ Gravel/Dirt

☐ Brick/Stone Other

CONDITION: ☐ Dry ☒ Wet ☐ Icy ☐ Pot Holes Other

TRAFFIC CONTROL: ☐ Traffic Light ☐ Stop Sign ☐ Railroad ☒ No Intersection ☒ No Control

ROADWAY: Number of Lanes Each Direction: N/A ☐ Residential ☐ Divided Highway ☐ Undivided Highway

Draw and name roadways showing each vehicle, direction of travel and point of impact. Indicate travel before the accident with a solid line and post-accident movement with a broken line.

SYMBOLS

Your Vehicle ①

Other Vehicle(s) ②

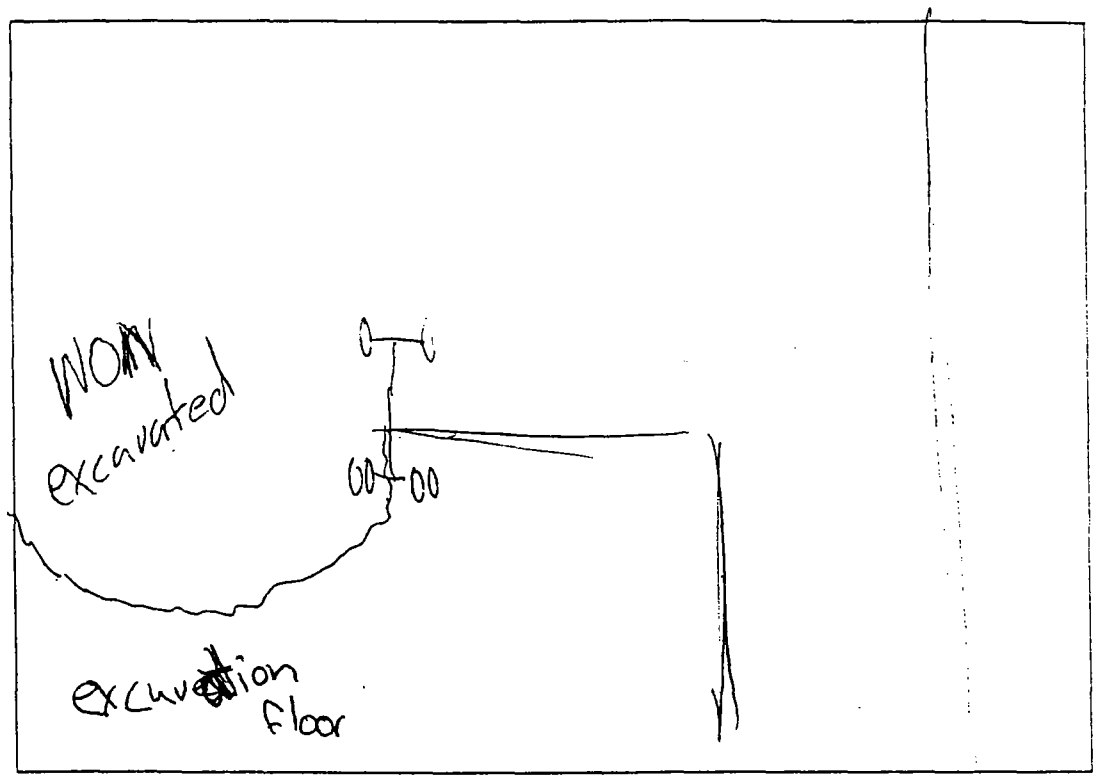
③

Pedestrian ♀

p Sign ⌂

Yield ▽

Railroad ‡



ADDITIONAL INFORMATION:

WAS VEHICLE ACCIDENT REPORT SENT OR CALLED IN TO CSSC/TRAVELERS? ☐ YES

EMPLOYEE Michael A. Haase 958045 (PRINT) (SIGNATURE) 9.17.98 (DATE)

SUPERVISOR (PRINT) (SIGNATURE) (DATE)

PROJECT MGR (PRINT) (SIGNATURE) (DATE)

SITE SAFETY OFFICER (PRINT) (SIGNATURE) (DATE)

REPORT MUST BE CALLED IN OR FAXED TO:
CSSC/TRAVELERS (PHONE: 800-832-7839 * FAX: 800-842-8571)
AND HEALTH & SAFETY (PHONE: 412-372-7701 * FAX: 412-858-3976)
AND CORPORATE RISK MANAGEMENT (PHONE: 412-372-7701 * FAX: 412-373-7135)
WITHIN 24 HOURS, OR NOT LATER THAN NEXT BUSINESS DAY.

★★★ FAX MEMO ★★★

OHM IT CORPORATION
PROJECT # 920892
1120 MARTIN LUTHER KING JR. DRIVE
NORTH CHICAGO, ILLINOIS 60064

EPA SUPERFUND SITE
VACANT LOT SITE

USACE RAPID RESPONSE
CONTRACT # DACW45 94 0005
DELIVERY ORDER # 55

COMPANY/AGENCY	☎ SITE PHONE NUMBERS ☎
USEPA, REGION V	847 473 4098
USACE, RAPID RESPONSE	847 473 1695
OHM IT CORPORATION	847 473 1693 (main line) and 1694
JOB SITE FAX	847 473 1697

DATE	TIME CENTRAL STANDARD TIME
9/21/98	1550

9 PAGES TOTAL

TO:	ANDREW JOHNSON 412-373-7135
FROM:	TODD TREES

COMMENTS

AS PROMISED. PLEASE CALL IF YOU NEED ANYTHING ELSE.

CASE*Trac* CASE MANAGEMENT SERVICES
AUTHORIZATION FOR TREATMENT FOR OCCUPATIONAL INJURY/ILLNESS

Employee Name: Michael A. HAASE
Social Security #: 500-88-2718 Job Title: EO1/RT
Location Vacant lot site Injury: ☑ Illness: ☐
HS Professional: TODD D. TEETS Phone: (847) 473-1694
Location of Accident/Exposure NORTH CHICAGO JOB#920892 EXCLUSION ZONE Incident Date: 9-17-98
Nature of Injury: TRUCK ROLLOVER Body Part Injured: UNKNOWN
Describe in detail how did accident/exposure occur:

TO TREATING PHYSICIAN:

In the case of occupational injury/illness, please examine the employee and render necessary conservative treatment directly related to the occupational injury/illness.

Light Duty Work:
It is the policy of our Corporation to provide work assignments, whenever possible, for employees with physical activity restrictions resulting from an occupational injury/illness. If the employee will be subject to a restriction, please contact **CASE*Trac*** Case Management before releasing the employee, so that a light duty assignment may be arranged.

Medically Unfit to Return to Work:
It is the policy of our Corporation to assist employees unable to return to work, due to an injury/illness, in obtaining needed medical care and other benefits available to them. Medical findings are also used to help evaluate unsafe conditions that may have led to the incident. Please help us assist our employees by contacting **CASE*Trac*** Case Management with your findings as soon as possible, preferably before the employee leaves your office, but not later than the close of business on the day of initial treatment.

CASE*Trac* Case Management: Office: 1-800-229-3674, ext. 303 Fax: 1-770-454-1280

Reports to:
1. If First Aid only, sent reports to:
2. If Medical Treatment provided, send reports to: **CASE*Trac*** Case Management Services
4360 Chamblee Dunwoody Road, Suite 202
Atlanta, Georgia 30341

Bills to: Worker's Compensation Claims Administrator
Constitution State Service Company (Travelers)

Corporate Authorization Signature: Date:
Phone Number:

DOCTOR, Please provide:
Medical Diagnosis: Mild cervical strain or contusion
Treatment Provided: Epsom; C-spine

Recommended Work Limitation/Restriction: ∅
Return Visit Needed: No ☑ Yes ☐ if yes, date First Aid Only ☐
Physician Name: Dr. P. Draper, M.D. Physician Telephone:
Physician Signature: P. Draper MD

YOU MUST CALL CASE*Trac* CASE MANAGEMENT FOR ALL WORKERS COMPENSATION INJURIES: 1-800-229-3674, EXTENSION 303.
FAX COMPLETED FORM TO CASE*Trac* (770) 454-1280.

International Technology Corporation

CASE*Trac* CASE MANAGEMENT SERVICES AUTHORIZATION FOR RELEASE OF MEDICAL INFORMATION

I, Mike HAASE, grant authorization to _____
(Print Full Name) (Treating Physician's Name)
for the release of any information concerning my illness/injury to:

CASE*Trac* CASE MANAGEMENT SERVICES
4360 Chamblee Dunwoody Road, Suite 202
Atlanta, Georgia 30341
Phone: (800) 229-3674, Extension 303
Fax: (770) 454-1280

for the purpose of disability follow-up and return to work authorization.

Please provide the following information:

EMPLOYEE INFORMATION:

Full Name: Michael A. HAASE
Date of Birth: 11.13.70
Social Security #: 500.88.2718
Home Address: ~~501~~ 1 Stanway Ln Bella Vista Ar 72714

Home Phone: 501.876.6859
Work Phone:

MEDICAL INFORMATION:

Treating Physician's Name: Dr Draper
Physician's Address: 2615 W Washington
Wkgn, IL. 60085
Phone Number: 847.360-2860
Fax Number:

Employee Signature: M. Haase Date: 9/17/98

International Technology Corporation

CASE*Trac* CASE MANAGEMENT SERVICES RETURN-TO-WORK EXAMINATION FORM

Exam Date: 9/17/98 Employee Name: Michael A. HAASE

Birth Date: 11/13/70 Social Security #: 500 - 88 - 2718

Job Title: EO2/RT Sex: ☑ Male ☐ Female

Examining Provider: Please complete this form and fax to CASE*Trac* CASE MANAGEMENT SERVICES at (770) 454-1280. Please contact ITC site to report status of employee post treatment. For questions, please contact CASE*Trac* CASE MANAGEMENT SERVICES at (800)229-3674.

DIAGNOSIS: mild cervical strain or contusion

TREATMENT PLAN: Ø

MEDICATIONS: Ø

PHYSICAL THERAPY: Ø

OTHER:

☑ May return to full duty work effective 9-18-98

☐ May return to limited duty from __/__/__ to __/__/__

☐ Unable to return to work from __/__/__ to __/__/__

WORK LIMITATIONS:

I Restricted lifting/pushing/pulling: maximum weight in lbs:_____ (IT limits all lifting < = 60 lbs).

I Work only with right/left hand.

I Restricted repetitive motion right/left hand.

I Sitting job only.

I Restricted operation of moving equipment.

I Other:

FOLLOW-UP PLAN:

☐ Release from care.

☑ Schedule for follow-up appointment on __/__/__.
Time _____AM/PM

☐ Referral to _____
Appointment date __/__/__ Time _____AM/PM

Comments: Return to corp health or Emergency Room if headache increasing neck pain or new symptoms

P. Draper — Examiner's Name (*print*)

P. Dragon MD — Examiner's Signature

9/17/98 — Date

AUTHORIZATION FOR MEDICAL EXAM

Continuum Healthcare
Health Care That Works!

Exam Category: Drug Screen / Alcohol Collection

SITE

Company & Exam Coordinator: Patty Schultz

Phone Number: 630-759-9462 Fax #: 630-759-95

City / State: Romeoville, IL SITE Code: FINDLAY

VISION Code:

Coordinator's Signature: Patty Schultz Date: 9-17-98

EXAM

Examinee Name (print): Michael A. HAASE Sex: Male

Social Security #: 500 88-2718 Date of Birth: 9-17-98

REQUIRED EXAM COMPONENTS (Examining clinics are to perform only the procedures checked below)

X Drug Screen Collection (Bag 2 in Continuum/EMR Kit):

____ Pre Employment	____ Random 11P1
____ Random DOT	____ Client Request
____ Post-accident/Injury	____ Other: ____

X Reasonable Cause LOOK ALIKE Project Mgr.

☐ NIDA Split Specimen	☒ Forensic Non-NIDA	☒ Breath Alcohol
☐ Client Request		Fax Breath Alcohol Results to Continuum

Additional Testing: PHYSICAL CONDITION OF EMPLOYEE

Notes to Continuum Healthcare:

APPOINTMENT

Exam Date 9-17-98 Time: Facility A# A1823

Facility Name and Address: Lutheran General, 7255 Caldwell Ave - Niles, IL 60648

Medical Release Please have employee read and sign this medical release.

I hereby authorize Continuum Healthcare to release in confidence to ____ (company) and/or its subsidiaries medical information necessary to determine my medical or physical condition concerning my application for employment, or ongoing employment with this company. I further authorize the examining physician and/or clinic to release to Continuum Healthcare any medical information related to my medical or physical condition.

Signature: M. A. Haase Date: 9-17-98

Note to employee: Remember to bring your Photo ID to the appointment.

INSTRUCTIONS (TO CLIENT)

Fax completed AF to Continuum Healthcare (770) 455-0814 prior to exam. Have Examinee take copy of AF and Photo ID to appointment. Call our Continuum Healthcare service team at 1-800-229-3674 for assistance.

© EMR, Inc. All Rights Reserved (itc-drug.doc) (Revision 03/98)

Sep. 17. 1998 4:34PM OHM - LOMBARD, IL OFFICE No. 8016 P. 2/2

NURSING REPORT

9-17-98 Last Tetanus:

Name: HAASE, MICHAEL Birthday: Sex: M SS#

Company Name: INTERNATIONAL TECH

Patient Complaint: C/O unusual & sleepy - no LOC - Truck rollover accid

Past Medical History: Ø

Nursing B/P: 116/70 P: 68 R: T. Allergies:

Current Meds: Ø

Notes: States involved in truck Rollover accident about 2° ago - no LOC - no bruising noted - C/O tenderness (L) occipital region - PERL

Physician: 9/17/98 6:30pm

Pt. presents from work site f roll-over of water truck he was driving (low speed, went over embankment) Pt. had lap belt, denies LOC, may have hit head, Ø HA, min. neck pain, Ø UE neuro or radicular sx, left vehicle on own, ambulatory on scene. Ø other complaints esp. mild (L) knee pain, now gone. Ø chronic disease Ø meds NKDA

EXAM:

WM in NAD. Alert, co-op, ambulatory. NCAT, PERL, CN's grossly WNL. Mild (L) post-lat-upper neck tend. w/o deformity, bruise/ecch/swell/deform. Lungs & heart sounds - WNL. Abdom - soft, NT - Chest & back - atraumatic exc. min tend over ~T 3-4. Extrem - Ø evid. trauma (L) knee NT, FROM, Ø swelling/deform. Peripheral neuro grossly intact, UE motor/sensory WNL

Orders:

C - spine films

☐ Referred to/for

☐ Employer Contacted

Time:

Person:

Phone NO:

Comments

Nurse: Donna McGrath, RN

Date of next appointment Time

Discharge time 19 20

ACCIDENT INVESTIGATION REPORT

(For Use of this Form See Attached Instructions and USACE Supp to AR 385-40)

REQUIREMENT CONTROL SYMBOL: CEEC-S-8(R2)

ACCIDENT CLASSIFICATION

PERSONNEL CLASSIFICATION	INJURY/ILLNESS/FATAL	PROPERTY DAMAGE	MOTOR VEHICLE INVOLVED	DIVING
GOVERNMENT ☐ CIVILIAN ☐ MILITARY	☐	☐ FIRE INVOLVED ☐ OTHER	☐	☐
CONTRACTOR IT/OHM	☐	☐ FIRE INVOLVED ☒ OTHER	☒	☐
☐ PUBLIC	☐ FATAL ☐ OTHER		☐	

PERSONAL DATA

a. NAME (Last,First,MI): HAASE, MICHAEL
b. AGE: 27
c. SEX: ☒ MALE ☐ FEMALE
d. SOCIAL SECURITY NUMBER: 3 D 0 . 8 8 . 2 7 1 8
e. GRADE:
f. JOB SERIES/TITLE: EQUIP. OPERATOR I AND RECOVERY TECHNICIAN
g. DUTY STATUS AT TIME OF ACCIDENT: ☐ ON DUTY ☐ TDY ☐ OFF DUTY
h. EMPLOYMENT STATUS AT TIME OF ACCIDENT: ☐ ARMY ACTIVE ☐ ARMY RESERVE ☐ VOLUNTEER ☒ PERMANENT ☐ FOREIGN NATIONAL ☐ SEASONAL ☐ TEMPORARY ☐ STUDENT ☐ OTHER (Specify)

GENERAL INFORMATION

a. DATE OF ACCIDENT (month/day/year): 9.17.98
b. TIME OF ACCIDENT (Military time): 15:15
c. EXACT LOCATION OF ACCIDENT: VACANT LOT SITE, 1120 MARTIN LUTHER KING JR. DRIVE N. CHICAGO, IL 60064
d. CONTRACTOR'S NAME: (1) PRIME: IT/OHM CORPORATION (2) SUBCONTRACTOR:
e. CONTRACT NUMBER: DACW45-94-D-0005 DO#55
☐ CIVIL WORKS ☐ MILITARY ☐ OTHER (Specify)
f. TYPE OF CONTRACT: ☒ CONSTRUCTION ☐ SERVICE ☐ A/E ☐ DREDGE ☐ OTHER (Specify)
g. HAZARDOUS/TOXIC WASTE ACTIVITY: ☒ SUPERFUND ☐ DERP ☐ IRP ☐ OTHER (Specify)

CONSTRUCTION ACTIVITIES ONLY (Fill in line and corresponding code number in box from list - see instructions)

a. CONSTRUCTION ACTIVITY: IRRIGATION/DUST CONTROL (CODE) 24
b. TYPE OF CONSTRUCTION EQUIPMENT: WATER TRUCK (CODE) 24

INJURY / ILLNESS INFORMATION (Include dates on line and corresponding code number in box for items a - g - see instructions)

a. SEVERITY OF ILLNESS / INJURY (CODE)
b. ESTIMATED DAYS LOST
c. ESTIMATED DAYS HOSPITALIZED
d. ESTIMATED DAYS RESTRICTED DUTY
e. BODY PART AFFECTED: PRIMARY (CODE); SECONDARY (CODE)
f. NATURE OF ILLNESS / INJURY (CODE)
g. TYPE AND SOURCE OF INJURY/ILLNESS: TYPE (CODE); SOURCE (CODE)

N/A

PUBLIC FATALITY (Fill in line and corresponding code number in box - see instructions)

a. ACTIVITY AT TIME OF ACCIDENT (CODE)
b. PERSONAL FLOATATION DEVICE USED? ☐ YES ☐ NO ☐ N/A

MOTOR VEHICLE ACCIDENT

a. TYPE OF VEHICLE: ☐ PICKUP/VAN ☐ AUTOMOBILE ☒ TRUCK ☐ OTHER (Specify) WATER TRUCK
b. TYPE OF COLLISION: ☐ SIDE SWIPE ☐ HEAD ON ☐ REAR END ☐ BROADSIDE ☒ ROLL OVER ☐ BACKING ☐ OTHER (Specify)

c. SEAT BELTS	USED	NOT USED	NOT AVAILABLE
(1) FRONT SEAT	X		
(2) REAR SEAT			

PROPERTY/MATERIAL INVOLVED

a. NAME OF ITEM	b. OWNERSHIP	c. $ AMOUNT OF DAMAGE
(1) WATER TRUCK	HRIBAR CO.	$4000.00-4500.00
(2)		
(3)		

VESSEL / FLOATING PLANT ACCIDENT (Fill in line and corresponding code number in box from list - see instructions)

a. TYPE OF VESSEL/FLOATING PLANT (CODE)
b. TYPE OF COLLISION/MISHAP (CODE)

ACCIDENT DESCRIPTION (Use additional paper if necessary)

M. HAASE WAS BACKING UP TO THE EXCAVATION (EXCLUSION ZONE) AREA JUST AFTER ACTIVITIES HAD CEASED. HE BACKED UP BEYOND THE 2 FT. SAFE DISTANCE TO THE EXCAVATION, LOWERING THE RIGHT REAR TIRES INTO THE EXCAVATION AREA, CAUSING THE TRUCK TO TIP BACK AND ROLL ONTO ITS RIGHT (PASSENGER) SIDE.

a. (Explain YES answers in item 13)	YES	NO
DESIGN: Was design of facility, workplace or equipment a factor?	☐	☒
INSPECTION/MAINTENANCE: Were inspection & maintenance procedures a factor?	☐	☒
PERSON'S PHYSICAL CONDITION: In your opinion, was the physical condition of the person a factor?	☐	☒
OPERATING PROCEDURES: Were operating procedures a factor?	☒	☐
JOB PRACTICES: Were any job safety/health practices not followed when the accident occurred?	☒	☐
HUMAN FACTORS: Did any human factors such as, size or strength of person, etc., contribute to accident?	☐	☒
ENVIRONMENTAL FACTORS: Did heat, cold, dust, sun, glare, etc., contribute to the accident?	☐	☒

a. (CONTINUED)	YES	NO
CHEMICAL AND PHYSICAL AGENT FACTORS: Did exposure to chemical agents, such as dust, fumes, mists, vapors or physical agents, such as, noise, radiation, etc., contribute to accident?	☐	☒
OFFICE FACTORS: Did office setting such as, lifting office furniture, carrying, stooping, etc., contribute to the accident?	☐	☒
SUPPORT FACTORS: Were inappropriate tools/resources provided to properly perform the activity/task?	☐	☒
PERSONAL PROTECTIVE EQUIPMENT: Did the improper selection, use or maintenance of personal protective equipment contribute to the accident?	☐	☒
DRUGS/ALCOHOL: In your opinion, was drugs or alcohol a factor to the accident?	☐	☒

b. WAS A WRITTEN JOB/ACTIVITY HAZARD ANALYSIS COMPLETED FOR TASK BEING PERFORMED AT TIME OF ACCIDENT?

☐ YES (If yes, attach a copy.) ☒ NO

12. TRAINING

a. WAS PERSON TRAINED TO PERFORM ACTIVITY/TASK? ☒ YES ☐ NO

b. TYPE OF TRAINING: ☐ CLASSROOM ☒ ON JOB

c. DATE OF MOST RECENT FORMAL TRAINING: 9 / 16 / 98 (Month) (Day) (Year)

13. FULLY EXPLAIN WHAT ALLOWED OR CAUSED THE ACCIDENT: INCLUDE DIRECT AND INDIRECT CAUSES (See instruction for definition of direct and indirect causes.) (Use additional paper, if necessary)

a. DIRECT CAUSE
BACKING W/O A SPOTTER, LACK OF CONCENTRATION REGARDING TASK @ HAND.

b. INDIRECT CAUSE(S)
NO JSA AVAILABLE ON ACTIVITY

14. ACTION(S) TAKEN ANTICIPATED OR RECOMMENDED TO ELIMINATE CAUSE(S).

DESCRIBE FULLY:
1) REVIEW OF HOW + WHY ACCIDENT OCCURED (PRESENTED BY CREW) IN NEXT SAFETY MTG.
2) EMPLOYEE LOST (SUSPENDED FOR HIS TIME AT THIS SITE) DRIVING PRIVELEDGES.
3) JSA FOR WATER TRUCK OPERATION BEING DEVELOPED.

15. DATES FOR ACTIONS IDENTIFIED IN BLOCK 14.

a. BEGINNING (Month/Day/Year) 9 / 18 / 98

b. ANTICIPATED COMPLETION (Month/Day/Year) 9 / 25 / 98

c. SIGNATURE AND TITLE OF SUPERVISOR COMPLETING REPORT	d. DATE (Mo/Da/Yr)	e. ORGANIZATION IDENTIFIER (Div, Br, Sect)	f. OFFICE SYMBOL
CORPS	___ / ___ / ___		
CONTRACTOR	___ / ___ / ___		

16. MANAGEMENT REVIEW (1st)

a. ☐ CONCUR b. ☐ NON CONCUR c. COMMENTS

SIGNATURE	TITLE	DATE

17. MANAGEMENT REVIEW (2nd - Chief Operations, Construction, Engineering, etc.)

a. ☐ CONCUR b. ☐ NON CONCUR c. COMMENTS

SIGNATURE	TITLE	DATE

18. SAFETY AND OCCUPATIONAL HEALTH OFFICE REVIEW

a. ☐ CONCUR b. ☐ NON CONCUR c. ADDITIONAL ACTIONS/COMMENTS:

SIGNATURE	TITLE	DATE

COMMAND APPROVAL

COMMENTS

COMMANDER SIGNATURE	DATE

personnel and witnesses). Use of this form for reporting USACE employees first-aid type injuries not submitted to the Office of Workers' Compensation Programs (OWCP) shall be at the discretion of the FOA commander. Please type or print legibly. Appropriate items shall be marked with an "X" in box(es). If additional space is needed, provide the information on a separate sheet and attach to the completed form. Ensure that these instructions are forwarded with the completed report to the designated management reviewers indicated in sections 16. and 17.

INSTRUCTIONS FOR SECTION 1 — ACCIDENT CLASSIFICATION. *(Mark All Boxes That Are Applicable.)*

a. GOVERNMENT. Mark "CIVILIAN" box if accident involved government civilian employee; mark "MILITARY" box if accident involved U.S. military personnel.

(1) INJURY/ILLNESS/FATALITY — Mark if accident resulted in any government civilian employee injury, illness, or fatality that requires the submission of OWCP Forms CA-1 (injury), CA-2 (illness), or CA-6 (fatality) to OWCP; mark if accident resulted in military personnel lost-time or fatal injury or illness.

(2) PROPERTY DAMAGE — Mark the appropriate box if accident resulted in any damage of $1000 or more to government property (including motor vehicles).

(3) VEHICLE INVOLVED — Mark if accident involved a motor vehicle, *regardless* of whether "INJURY/ILLNESS/FATALITY" or "PROPERTY DAMAGE" are marked.

(4) DIVING ACTIVITY — Mark if the accident involved an in-house USACE diving activity.

b. CONTRACTOR.

(1) INJURY/ILLNESS/FATALITY — Mark if accident resulted in any contractor lost-time injury/illness or fatality.

(2) PROPERTY DAMAGE — Mark the appropriate box if accident resulted in any damage of $1000 or more to contractor property (including motor vehicles).

(3) VEHICLE INVOLVED — Mark if accident involved a motor vehicle, *regardless* of whether "INJURY/ILLNESS/FATALITY" or "PROPERTY DAMAGE" are marked.

(4) DIVING ACTIVITY — Mark if the accident involved a USACE Contractor diving activity.

c. PUBLIC.

(1) INJURY/ILLNESS/FATALITY — Mark if accident resulted in public fatality or permanent total disability. (The "OTHER" box will be marked when requested by the FOA to report an unusual non-fatal public accident that could result in claims against the government or as otherwise directed by the FOA Commander).

(2) VOID SPACE — Make no entry.

(3) VEHICLE INVOLVED — Mark if accident resulted in a fatality to a member of the public and involved a motor vehicle, *regardless* of whether "INJURY/ILLNESS/FATALITY" is marked.

(4) VOID SPACE — Make no entry.

INSTRUCTIONS FOR SECTION 2 — PERSONAL DATA

a. NAME — (MANDATORY FOR GOVERNMENT ACCIDENTS. OPTIONAL AT THE DISCRETION OF THE FOA COMMANDER FOR CONTRACTOR AND PUBLIC ACCIDENTS). Enter last name, first name, middle initial of person involved.

b. AGE — Enter age.

c. SEX — Mark appropriate box.

d. SOCIAL SECURITY NUMBER — (FOR GOVERNMENT PERSONNEL ONLY) Enter the social security number (or other personal identification number if no social security number issued).

e. GRADE — (FOR GOVERNMENT PERSONNEL ONLY) Enter pay grade. Example: O-5; E-7; WG-8; WS-12; GS-11; etc.

f. JOB TITLE — Enter full series number, and job title, e.g. GS-0810/Civil Engineer. For *military personnel* enter the primary military occupational specialty (PMOS), e.g., 15A30 or 11G50. For *contractor employees* enter the job title assigned to the injured person, e.g. carpenter, laborer, surveyor, etc..

g. DUTY STATUS — Mark the appropriate box.

(1) ON DUTY — Person was at duty station during duty hours or person was away from duty station during duty hours but on official business at time of the accident.

(2) TDY - Person was on official business, away from the duty station and with travel orders at time of accident. Line-of-duty investigation required.

(3) OFF DUTY - Person was not on official business at time of accident.

h. EMPLOYMENT STATUS — (FOR GOVERNMENT PERSONNEL ONLY) Mark the most appropriate box. If "OTHER" is marked, specify the employment status of the person.

INSTRUCTION FOR SECTION 3 — GENERAL INFORMATION

a. DATE OF ACCIDENT — Enter the month, day, and year of accident.

b. TIME OF ACCIDENT — Enter the local time of accident in military time. Example: 1430 hrs (not 2:30 p.m.).

c. EXACT LOCATION OF ACCIDENT — Enter facts needed to locate the accident scene. (installation/project name, building number, street, direction and distance from closest landmark, etc..).

d. CONTRACTOR NAME

(1) PRIME — Enter the exact name (title of firm) of the prime contractor.

(2) SUBCONTRACTOR — Enter the name of any subcontractor involved in the accident.

e. CONTRACT NUMBER — Mark the appropriate box to identify if contract is civil works, military, or other; if "OTHER" is marked, specify contract appropriation on line provided. Enter complete contract number of prime contract, e.g., DACW 09-85-C-0100.

f. TYPE OF CONTRACT — Mark appropriate box. A/E means architect/engineer. If "OTHER" is marked, specify type of contract on line provided.

g. HAZARDOUS/TOXIC WASTE ACTIVITY (HTW) — Mark the box to identify the HTW activity being performed at the time of the accident. For Superfund, DERP, and Installation Restoration Program (IRP) HTW activities include accidents that occurred during inventory, predesign, design, and construction. For the purpose of accident reporting, DERP Formerly Used DoD Site (FUDS) activities and IRP activities will be treated separately. For Civil Works O&M HTW activities mark the "OTHER" box.

INSTRUCTIONS FOR SECTION 4 — CONSTRUCTION ACTIVITIES

a. CONSTRUCTION ACTIVITY — Select the *most appropriate* construction activity being performed at time of accident from the list below. Enter the activity name and place the corresponding code number identified in the box.

CONSTRUCTION ACTIVITY LIST

1. MOBILIZATION
2. SITE PREPARATION
3. EXCAVATION/TRENCHING
4. GRADING (EARTHWORK)
5. PIPING/UTILITIES
6. FOUNDATION
7. FORMING
8. CONCRETE PLACEMENT
9. STEEL ERECTION
10. ROOFING
11. FRAMING
12. MASONRY
13. CARPENTRY
14. ELECTRICAL
15. SCAFFOLDING/ACCESS
16. MECHANICAL
17. PAINTING
18. EQUIPMENT/MAINTENANCE
19. TUNNELING
20. WAREHOUSING/STORAGE
21. PAVING
22. FENCING
23. SIGNING
24. LANDSCAPING/IRRIGATION
25. INSULATION
26. DEMOLITION

involved in the accident from the list below. Enter the name and place the corresponding code number identified in the box. If equipment is not included below, use code 24, "OTHER", and write in specific type of equipment.

CONSTRUCTION EQUIPMENT

GRADER
DRAGLINE
3. CRANE (ON VESSEL/BARGE)
4. CRANE (TRACKED)
5. CRANE (RUBBER TIRE)
6. CRANE (VEHICLE MOUNTED)
7. CRANE (TOWER)
8. SHOVEL
9. SCRAPER
10. PUMP TRUCK (CONCRETE)
11. TRUCK (CONCRETE/TRANSIT MIXER)
12. DUMP TRUCK (HIGHWAY)
13. DUMP TRUCK (OFF HIGHWAY)
14. TRUCK (OTHER)
15. FORKLIFT
16. BACKHOE
17. FRONT-END LOADER
18. PILE DRIVER
19. TRACTOR (UTILITY)
20. MANLIFT
21. DOZER
22. DRILL RIG
23. COMPACTOR/VIBRATORY ROLLER
24. OTHER

INSTRUCTIONS FOR SECTION 5—INJURY/ILLNESS INFORMATION

a. SEVERITY OF INJURY / ILLNESS - Reference para 2-10 of USACE Supp 1 to AR 385-40 and enter code and description from list below.

NOI NO INJURY
FAT FATALITY
PTL PERMANENT TOTAL DISABILITY
PPR PERMANENT PARTIAL DISABILITY
LWD LOST WORKDAY CASE INVOLVING DAYS AWAY FROM WORK
NLW RECORDABLE CASE WITHOUT LOST WORKDAYS
RFA RECORDABLE FIRST AID CASE
NRI NON-RECORDABLE INJURY

b. ESTIMATED DAYS LOST—Enter the estimated number of workdays the person will lose from work.

ESTIMATED DAYS HOSPITALIZED—Enter the estimated number of workdays the person will be hospitalized.

ESTIMATED DAYS RESTRICTED DUTY—Enter the estimated number of workdays the person, as a result of the accident, will not be able to perform all of their regular duties.

c. BODY PART AFFECTED—Select the most appropriate primary and when applicable, secondary body part affected from the list below. Enter body part name on line and place the corresponding code letters identifying that body part in the box.

GENERAL BODY AREA	CODE	BODY PART NAME
ARM/WRIST	AB	ARM AND WRIST
	AS	ARM OR WRIST
TRUNK, EXTERNAL MUSCULATURE	B1	SINGLE BREAST
	B2	BOTH BREASTS
	B3	SINGLE TESTICLE
	B4	BOTH TESTICLES
	BA	ABDOMEN
	BC	CHEST
	BL	LOWER BACK
	BP	PENIS
	BS	SIDE
	BU	UPPER BACK
	BW	WAIST
	BZ	TRUNK OTHER
HEAD, INTERNAL	C1	SINGLE EAR INTERNAL
	C2	BOTH EARS INTERNAL
	C3	SINGLE EYE INTERNAL
	C4	BOTH EYES INTERNAL
	CB	BRAIN
	CC	CRANIAL BONES
	CD	TEETH
	CJ	JAW
	CL	THROAT, LARYNX
	CM	MOUTH
	CN	NOSE
	CR	THROAT, OTHER
	CT	TONGUE
	CZ	HEAD OTHER INTERNAL
ELBOW	EB	BOTH ELBOWS
	ES	SINGLE ELBOW
FINGER	F1	FIRST FINGER
	F2	BOTH FIRST FINGERS
	F3	SECOND FINGER
	F4	BOTH SECOND FINGERS
	F5	THIRD FINGER
	F6	BOTH THIRD FINGERS
	F7	FOURTH FINGER
	F8	BOTH FOURTH FINGERS
TOE	G1	GREAT TOE
	G2	BOTH GREAT TOES
	G3	TOE OTHER
	G4	TOES OTHER
HEAD, EXTERNAL	H1	EYE EXTERNAL
	H2	BOTH EYES EXTERNAL
	H3	EAR EXTERNAL
	H4	BOTH EARS EXTERNAL
	HC	CHIN
	HF	FACE
	HK	NECK/THROAT
	HM	MOUTH/LIPS
	HN	NOSE
	HS	SCALP
KNEE	KB	BOTH KNEES
	KS	KNEE
LEG, HIP, ANKLE, BUTTOCK	LB	BOTH LEGS/HIPS/ ANKLES/BUTTOCKS
	LS	SINGLE LEG/HIP ANKLE/BUTTOCK
HAND	MB	BOTH HANDS
	MS	SINGLE HAND
FOOT	PB	BOTH FEET
	PS	SINGLE FOOT
TRUNK, BONES	R1	SINGLE COLLAR BONE
	R2	BOTH COLLAR BONES
	R3	SHOULDER BLADE
	R4	BOTH SHOULDER BLADES
	RB	RIB
	RS	STERNUM (BREAST BONE)
	RV	VERTEBRAE (SPINE: DISC)
	RZ	TRUNK BONES OTHER
SHOULDER	SB	BOTH SHOULDERS
	SS	SINGLE SHOULDER
THUMB	TB	BOTH THUMBS
	TS	SINGLE THUMB
TRUNK, INTERNAL ORGANS	V1	LUNG, SINGLE
	V2	LUNGS, BOTH
	V3	KIDNEY, SINGLE
	V4	KIDNEYS, BOTH
	VH	HEART
	VL	LIVER
	VR	REPRODUCTIVE ORGANS
	VS	STOMACH
	VV	INTESTINES
	VZ	TRUNK, INTERNAL; OTHER

d. NATURE OF INJURY/ILLNESS - Select the most appropriate nature of injury / illness from the list below. The nature of injury / illness shall correspond to the primary body part selected in 5c, above. Enter the nature of injury / illness name on the line and place the corresponding CODE letters in the box provided.

SEVERITY OF [illegible] which occurred during a single work day or shift.

GENERAL NATURE CATEGORY	CODE	NATURE OF INJURY NAME
*TRAUMATIC INJURY OR DISABILITY	TA	AMPUTATION
	TB	BACK STRAIN
	TC	CONTUSION: BRUISE, ABRASION
	TD	DISLOCATION
	TF	FRACTURE
	TH	HERNIA
	TK	CONCUSSION
	TL	LACERATION, CUT
	TP	PUNCTURE
	TS	STRAIN, MULTIPLE
	TU	BURN, SCALD, SUNBURN
	TI	TRAUMATIC SKIN DISEASES/ CONDITIONS INCLUDING DERMATITIS
	TR	TRAUMATIC RESPIRATORY DISEASE
	TQ	TRAUMATIC FOOD POISONING
	TW	TRAUMATIC TUBERCULOSIS
	TX	TRAUMATIC VIROLOGICAL/ INFECTIVE/PARASITIC DISEASE
	T1	TRAUMATIC CEREBRAL VASCULAR CONDITION/STROKE
	T2	TRAUMATIC HEARING LOSS
	T3	TRAUMATIC HEART CONDITION
	T4	TRAUMATIC MENTAL DISORDER: STRESS: NERVOUS CONDITION
	T8	TRAUMATIC INJURY — OTHER (EXCEPT DISEASE, ILLNESS)

*A nontraumatic physiological harm or loss of capacity produced by systemic infection; continued or repeated stress or strain; exposure to toxins, poisons, fumes, etc.; or other continued and repeated exposures to conditions of the work environment over a long period of time. For practical purposes, an occupational illness/disease or disability is any reported condition which does not meet the definition of traumatic injury or disability as described above.

GENERAL NATURE CATEGORY	CODE	NATURE OF INJURY NAME
*NONTRAUMATIC ILLNESS/DISEASE OR DISABILITY		
RESPIRATORY DISEASE	RA	ASBESTOSIS
	RB	BRONCHITIS
	RE	EMPHYSEMA
	RP	PNEUMOCONIOSIS
	RS	SILICOSIS
	R9	RESPIRATORY DISEASE, OTHER
VIROLOGICAL, INFECTIVE & PARASITIC DISEASES	VB	BRUCELLOSIS
	VC	COCCIDIOMYCOSIS
	VF	FOOD POISONING
	VH	HEPATITIS
	VM	MALARIA
	VS	STAPHYLOCOCCUS
	VT	TUBERCULOSIS
	V9	VIROLOGICAL/INFECTIVE/ PARASITIC — OTHER
DISABILITY, OCCUPATIONAL	DA	ARTHRITIS, BURSITIS
	DB	BACK STRAIN, BACK SPRAIN
	DC	CEREBRAL VASCULAR CONDITION: STROKE
	DD	ENDEMIC DISEASE (OTHER THAN CODE TYPES RB,S)
	DE	EFFECT OF ENVIRONMENTAL CONDITION
	DH	HEARING LOSS
	DK	HEART CONDITION
	DM	MENTAL DISORDER, EMOTIONAL STRESS NERVOUS CONDITION
	DR	RADIATION
	DS	STRAIN, MULTIPLE
	DU	ULCER
	DV	OTHER VASCULAR CONDITIONS
	D9	DISABILITY, OTHER

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CATEGORY	CODE	NAME
SKIN DISEASE OR CONDITION	SB	BIOLOGICAL
	SC	CHEMICAL
	S9	DERMATITIS, UNCLASSIFIED

g. TYPE AND SOURCE OF INJURY/ILLNESS (CAUSE) - Type and Source Codes are used to describe what caused the incident. The Type Code stands for an ACTION and the Source Code for an OBJECT or SUBSTANCE. Together, they form a brief description of how the incident occurred. Where there are two different sources, code the initiating source of the incident (see example 1, below). Examples:

(1) An employee tripped on carpet and struck his head on a desk.
TYPE: 210 (fell on same level) SOURCE: 0110 (walking/working surface)

NOTE: This example would NOT be coded 120 (struck against) and 0140 (furniture).

(2) A Park Ranger contracted dermatitis from contact with poison ivy/oak.
TYPE: 510 (contact) SOURCE: 0920 (plant)

(3) A lock and dam mechanic punctured his finger with a metal sliver while grinding a turbine blade.
TYPE: 410 (punctured by) SOURCE: 0830 (metal)

(4) An employee was driving a government vehicle when it was struck by another vehicle.
TYPE: 900 (traveling in) SOURCE: 0421 (government-owned vehicle, as driver)

NOTE: The Type Code 900, "Traveling in" is different from the other type codes in that its function is not to identify factors contributing to the injury or fatality, but rather to collect data on the type of vehicle the employee was operating or traveling in at the time of the incident.

Select the most appropriate TYPE and SOURCE identifier from the list below and enter the name on the line and the corresponding code in the appropriate box.

CODE	TYPE OF INJURY NAME
	STRUCK
0110	STRUCK BY
0111	STRUCK BY FALLING OBJECT
0120	STRUCK AGAINST
	FELL, SLIPPED, TRIPPED
0210	FELL ON SAME LEVEL
0220	FELL ON DIFFERENT LEVEL
0230	SLIPPED, TRIPPED (NO FALL)
	CAUGHT
0310	CAUGHT ON
0320	CAUGHT IN
0330	CAUGHT BETWEEN
	PUNCTURED, LACERATED
0410	PUNCTURED BY
0420	CUT BY
0430	STUNG BY
0440	BITTEN BY
	CONTACTED
0510	CONTACTED WITH (INJURED PERSON MOVING)
0520	CONTACTED BY (OBJECT WAS MOVING)
	EXERTED
0610	LIFTED, STRAINED BY (SINGLE ACTION)
0620	STRESSED BY (REPEATED ACTION)
	EXPOSED
0710	INHALED
0720	INGESTED
0730	ABSORBED
0740	EXPOSED TO
0800	TRAVELING IN

CODE	SOURCE OF INJURY NAME
0100	BUILDING OR WORKING AREA
0110	WALKING/WORKING SURFACE (FLOOR, STREET, SIDEWALKS, ETC)
0120	STAIRS, STEPS
0130	LADDER
0140	FURNITURE, FURNISHINGS, OFFICE EQUIPMENT
0150	BOILER, PRESSURE VESSEL
0160	EQUIPMENT LAYOUT (ERGONOMIC)
0170	WINDOWS, DOORS
0180	ELECTRICITY

0200	ENVIRONMENTAL CONDITION
0210	TEMPERATURE EXTREME (INDOOR)
0220	WEATHER (ICE, RAIN, HEAT, ETC.)
0230	FIRE, FLAME, SMOKE (NOT TOBACCO)
0240	NOISE
0250	RADIATION
0260	LIGHT
0270	VENTILATION
0271	TOBACCO SMOKE
0280	STRESS (EMOTIONAL)
0290	CONFINED SPACE
0300	MACHINE OR TOOL
0310	HAND TOOL (POWERED: SAW, GRINDER, ETC.)
0320	HAND TOOL (NONPOWERED)
0330	MECHANICAL POWER TRANSMISSION APPARATUS
0340	GUARD, SHIELD (FIXED, MOVEABLE, INTERLOCK)
0350	VIDEO DISPLAY TERMINAL
0360	PUMP, COMPRESSOR, AIR PRESSURE TOOL
0370	HEATING EQUIPMENT
0380	WELDING EQUIPMENT
0400	VEHICLE
0411	AS DRIVER OF PRIVATELY OWNED/RENTAL VEHICLE
0412	AS PASSENGER OF PRIVATELY OWNED/RENTAL VEHICLE
0421	DRIVER OF GOVERNMENT VEHICLE
0422	PASSENGER OF GOVERNMENT VEHICLE
0430	COMMON CARRIER (AIRLINE, BUS, ETC.)
0440	AIRCRAFT (NOT COMMERCIAL)
0450	BOAT, SHIP, BARGE
0500	MATERIAL HANDLING EQUIPMENT
0510	EARTHMOVER (TRACTOR, BACKHOE, ETC.)
0520	CONVEYOR (FOR MATERIAL AND EQUIPMENT)
0530	ELEVATOR, ESCALATOR, PERSONNEL HOIST
0540	HOIST, SLING CHAIN, JACK
0550	CRANE
0551	FORKLIFT
0560	HANDTRUCK, DOLLY
0600	DUST, VAPOR, ETC.
0610	DUST (SILICA, COAL, ETC.)
0620	FIBERS
0621	ASBESTOS
0630	GASES
0631	CARBON MONOXIDE
0640	MIST, STEAM, VAPOR, FUME
0641	WELDING FUMES
0650	PARTICLES (UNIDENTIFIED)
0700	CHEMICAL, PLASTIC, ETC.
0711	DRY CHEMICAL—CORROSIVE
0712	DRY CHEMICAL—TOXIC
0713	DRY CHEMICAL—EXPLOSIVE
0714	DRY CHEMICAL—FLAMMABLE
0721	LIQUID CHEMICAL—CORROSIVE
0722	LIQUID CHEMICAL—TOXIC
0723	LIQUID CHEMICAL—EXPLOSIVE
0724	LIQUID CHEMICAL—FLAMMABLE
0730	PLASTIC
0740	WATER
0750	MEDICINE
0800	INANIMATE OBJECT
0810	BOX, BARREL, ETC.
0820	PAPER
0830	METAL ITEM, MINERAL
0831	NEEDLE
0840	GLASS
0850	SCRAP, TRASH
0860	WOOD
0870	FOOD
0880	CLOTHING, APPAREL, SHOES
0900	ANIMATE OBJECT
0911	DOG
0912	OTHER ANIMAL
0920	PLANT
0930	INSECT
0940	HUMAN (VIOLENCE)
0950	HUMAN (COMMUNICABLE DISEASE)
0960	BACTERIA, VIRUS (NOT HUMAN CONTACT)
1000	PERSONAL PROTECTIVE EQUIPMENT
1010	PROTECTIVE CLOTHING, SHOES, GLASSES, GOGGLES
1020	RESPIRATOR, MASK
1021	DIVING EQUIPMENT
1030	SAFETY BELT, HARNESS
1040	PARACHUTE

INSTRUCTIONS FOR SECTION 6 — PUBLIC FATALITY

a. ACTIVITY AT TIME OF ACCIDENT — Select the activity being performed at the time of the accident from the list below. Enter the activity name on the line and the corresponding number in the box. If the activity performed is not identified on the list, select from the most appropriate primary activity area (water related, non-water related or other activity), the code number for "Other", and write in the activity being performed at the time of the accident.

WATER RELATED RECREATION

1. Sailing
2. Boating—powered
3. Boating—unpowered
4. Water skiing
5. Fishing from boat
6. Fishing from bank dock or pier
7. Fishing while wading
8. Swimming/supervised area
9. Swimming/designated area
10. Swimming/other area
11. Underwater activities (skin diving, scuba, etc.)
12. Wading
13. Attempted rescue
14. Hunting from boat
15. Other

NON-WATER RELATED RECREATION

16. Hiking and walking
17. Climbing (general)
18. Camping/picnicking authorized area
19. Camping/picnicking unauthorized area
20. Guided tours
21. Hunting
22. Playground equipment
23. Sports/summer (baseball, football, etc.)
24. Sports/winter (skiing, sledding, snowmobiling etc.)
25. Cycling (bicycle, motorcycle, scooter)
26. Gliding
27. Parachuting
28. Other non-water related

OTHER ACTIVITIES

29. Unlawful acts (fights, riots, vandalism, etc.)
30. Food preparation/serving
31. Food consumption
32. Housekeeping
33. Sleeping
34. Pedestrian struck by vehicle
35. Pedestrian other acts
36. Suicide
37. "Other" activities

b. PERSONAL FLOTATION DEVICE USED — If fatality was water-related was the victim wearing a person flotation device? Mark the appropriate box.

INSTRUCTIONS FOR SECTION 7 — MOTOR VEHICLE ACCIDENT

a. TYPE OF VEHICLE — Mark appropriate box for each vehicle involved. If more than one vehicle of the same type is involved, mark both halves of the appropriate box. USACE vehicle(s) involved shall be marked in left half of appropriate box.

b. TYPE OF COLLISION — Mark appropriate box.

c. SEAT BELT — Mark appropriate box.

INSTRUCTIONS FOR SECTION 8 — PROPERTY/ MATERIAL INVOLVED

a. NAME OF ITEM — Describe all property involved in accident. Property/material involved means material which is damaged or whose use or misuse contributed to the accident. Include the name, type, model; also include the National Stock Number (NSN) whenever applicable.

b. OWNERSHIP — Enter ownership for each item listed. (Enter one of the following: *USACE; OTHER GOVERNMENT; CONTRACTOR; PRIVATE*)

c. $ AMOUNT OF DAMAGE — Enter the total estimated dollar amount of damage (parts and labor), if any.

FLOATING PLANT ACCIDENT

a. TYPE OF VESSEL/FLOATING PLANT — Select the most appropriate vessel/floating plant from list below. Enter name and place corresponding number in box. If item is not listed below, enter item number for "OTHER" and write in specific type of vessel/floating plant.

VESSEL/FLOATING PLANTS

1. ROW BOAT
2. SAIL BOAT
3. MOTOR BOAT
4. BARGE
5. DREDGE/HOPPER
6. DREDGE/SIDE CASTING
7. DREDGE/DIPPER
8. DREDGE/CLAMSHELL BUCKET
9. DREDGE/PIPE LINE
10. DREDGE/DUST PAN
11. TUG BOAT
12. OTHER

b. COLLISION/MISHAP — Select from the list below the object(s) that contributed to the accident or were damaged in the accident.

COLLISION/MISHAP

1. COLLISION W/OTHER VESSEL
2. UPPER GUIDE WALL
3. UPPER LOCK GATES
4. LOCK WALL
5. LOWER LOCK GATES
6. LOWER GUIDE WALL
7. HAULAGE UNIT
8. BREAKING TOW
9. TOW BREAKING UP
10. SWEPT DOWN ON DAM
11. BUOY/DOLPHIN/CELL
12. WHARF OR DOCK
13. OTHER

INSTRUCTIONS FOR SECTION 10 — ACCIDENT DESCRIPTION

DESCRIBE ACCIDENT — Fully describe the accident. Give the sequence of events that describe what happened leading up to and including the accident. Fully identify personnel and equipment involved and their role(s) in the accident. Ensure that relationships between personnel and equipment are clearly specified. Continue on blank sheets if necessary and attach to this report.

INSTRUCTIONS FOR SECTION 11 — CAUSAL FACTORS

a. Review thoroughly. Answer each question by marking the appropriate block. If any answer is yes, explain in item 13 below. Consider, as a minimum, the following:

(1) DESIGN — Did inadequacies associated with the building or work site play a role? Would an improved design or layout of the equipment or facilities reduce the likelihood of similar accidents? Were the tools or other equipment designed and intended for the task at hand?

(2) INSPECTION/MAINTENANCE — Did inadequately or improperly maintained equipment, tools, workplace, etc. create or worsen any hazards that contributed to the accident? Would better equipment, facility, work site or work activity inspections have helped avoid the accident?

(3) PERSON'S PHYSICAL CONDITION — Do you feel that the accident would probably not have occurred if the employee was in "good" physical condition? If the person involved in the accident had been in better physical condition, would the accident have been less severe or avoided altogether? Was over exertion a factor?

(4) OPERATING PROCEDURES — Did a lack of or inadequacy within established operating procedures contribute to the accident? Did any aspect of the procedures introduce any hazard to, or increase the risk associated with the work process? Would establishment or improvement of operating procedures reduce the likelihood of similar accidents?

(5) JOB PRACTICES — Were any of the provisions of the Safety and Health Requirements Manual (EM 385-1-1) violated? Was the task being accomplished in a manner which was not in compliance with an established job hazard analysis or activity hazard analysis? Did any established job practice (including EM 385-1-1) fail to adequately address the task or work process? Would better job practices improve the safety of the task?

(6) HUMAN FACTORS — Was the person under undue stress (either internal or external to the job)? Did the task tend toward overloading the capabilities of the person: i.e., did the job require tracking and reacting to many external inputs such as displays, alarms, or signals? Did the arrangement of the workplace tend to interfere with efficient task performance? Did the task require reach, strength, endurance, agility, etc., at or beyond the capabilities of the employee? Was the work environment ill-adapted to the person? Did the person need more training, experience, or practice in doing the task? Was the person inadequately rested to perform safely?

(7) ENVIRONMENTAL FACTORS — Did any factors such as moisture, humidity, rain, snow, sleet, hail, ice, fog, cold, heat, sun, temperature changes, wind, tides, floods, currents, dust, mud, glare, pressure changes, lightning, etc., play a part in the accident?

(8) CHEMICAL AND PHYSICAL AGENT FACTORS — Did exposure to chemical agents (either single shift exposure or long-term exposure) such as dusts, fibers (asbestos, etc.); silica, gases (carbon monoxide, chlorine, etc.), mists, steam, vapors, fumes, smokes, other particulates, liquid or dry chemicals that are corrosive, toxic, explosive or flammable; by-products of combustion or physical agents such as noise, ionizing radiation, non-ionizing radiation (UV radiation created during welding, etc.) contribute to the accident/incident?

(9) OFFICE FACTORS — Did the fact that the accident occurred in an office setting or to an office worker have a bearing on its cause? For example, office workers tend to have less experience and training in performing tasks such as lifting office furniture. Did physical hazards within the office environment contribute to the hazard?

(10) SUPPORT FACTORS — Was the person using an improper tool for the job? Was inadequate time available or utilized to safely accomplish the task? Were less than adequate personnel resources (in terms of employee skills, number of workers, and adequate supervision) available to get the job done properly? Was funding available, utilized, and adequate to provide proper tools, equipment, personnel, site preparation, etc?

(11) PERSONAL PROTECTIVE EQUIPMENT — Did the person fail to use appropriate personal protective equipment (gloves, eye protection, hard-toed shoes, respirator, etc.) for the task or environment? Did protective equipment provided or worn fail to provide adequate protection from the hazard(s)? Did lack of or inadequate maintenance of protective gear contribute to the accident?

(12) DRUGS/ALCOHOL — Is there any reason to believe the person's mental or physical capabilities, judgement, etc., were impaired or altered by the use of drugs or alcohol? Consider the effects of prescription medicine and over the counter medications as well as illicit drug use. Consider the effect of drug or alcohol induced "hangovers".

b. WRITTEN JOB/ACTIVITY HAZARD ANALYSIS — Was a written Job/Activity Hazard Analysis completed for the task being performed at the time of the accident? Mark the appropriate box. *If one was performed, attach a copy of the analysis to the report.*

INSTRUCTIONS FOR SECTION 12 — TRAINING

a. WAS PERSON TRAINED TO PERFORM ACTIVITY/TASK? — For the purpose of this section "trained" means the person has been provided the necessary information (either formal and/or on-the-job (OJT) training) to competently perform the activity/task in a safe and healthful manner.

b. TYPE OF TRAINING — Mark the appropriate box that best indicates the type of training; (classroom or on-the-job) that the injured person received before the accident happened.

c. DATE OF MOST RECENT TRAINING — Enter the month, day, and year of the last *formal* training completed that covered the activity-task being performed at the time of the accident.

INSTRUCTIONS FOR SECTION 13—CAUSES

a. DIRECT CAUSES—The direct cause is that single factor which most directly lead to the accident. See examples below.

b. INDIRECT CAUSES—Indirect causes are those factors which contributed to but did not directly initiate the occurrence of the accident.

Examples for section 13:

a. Employee was dismantling scaffold and fell 12 feet from unguarded opening.
Direct cause: failure to provide fall protection at elevation.
Indirect causes: failure to enforce USACE safety requirements; improper training/motivation of employee (possibility that employee was not knowledgeable of USACE fall protection requirements or was lax in his attitude towards safety); failure to ensure provision of positive fall protection whenever elevated; failure to address fall protection during scaffold dismantling in phase hazard analysis.

b. Private citizen had stopped his vehicle at intersection for red light when vehicle was struck in rear by USACE vehicle. (note USACE vehicle was in proper/safe working condition).
Direct cause: failure of USACE driver to maintain control of and stop USACE vehicle within safe distance.
Indirect cause: Failure of employee to pay attention to driving (defensive driving).

INSTRUCTIONS FOR SECTION 14—ACTION TO ELIMINATE CAUSE(S)

DESCRIPTION—Fully describe all the actions taken, anticipated, and recommended to eliminate the cause(s) and prevent reoccurrence of similar accidents/illnesses. Continue on blank sheets of paper if necessary to fully explain and attach to the completed report form.

INSTRUCTIONS FOR SECTION 15—DATES FOR ACTION

a. BEGIN DATE—Enter the date when the corrective action(s) identified in Section 14 will begin.

b. COMPLETE DATE—Enter the date when the corrective action(s) identified in Section 14 will be completed.

c. TITLE AND SIGNATURE—Enter the title and signature of supervisor completing the accident report. For a GOVERNMENT employee accident/illness the immediate supervisor will complete and sign the report. For PUBLIC accidents the USACE Project Manager/Area Engineer responsible for the USACE property where the accident happened shall complete and sign the report. For CONTRACTOR accidents the Contractor's project manager shall complete and sign the report and provide to the USACE supervisor responsible for oversight of that contractor activity. This USACE Supervisor shall also sign the report. Upon entering the information required in 15.d, 15.e and 15.f below, the responsible USACE supervisor shall forward the report for management review as indicated in Section 16.

d. DATE SIGNED—Enter the month, day, and year that the report was signed by the responsible supervisor.

e. ORGANIZATION NAME—For GOVERNMENT employee accidents enter the USACE organization name (Division, Branch, Section, etc.) of the injured employee. For PUBLIC accidents enter the USACE organization name for the person identified in block 15.c. For CONTRACTOR accidents enter the USACE organization name for the USACE office responsible for providing contract administration oversight.

f. OFFICE SYMBOL—Enter the latest complete USACE Office Symbol for the USACE organization identified in block 15.e.

INSTRUCTIONS FOR SECTION 16—MANAGEMENT REVIEW (1st)

1ST REVIEW—Each USACE FOA shall determine who will provide 1st management review. The responsible USACE supervisor in section 15.c shall forward the completed report to the USACE office designated as the 1st Reviewer by the FOA. Upon receipt, the Chief of the Office shall review the completed report, mark the appropriate box, provide substantive comments, sign, date, and forward to the FOA Staff Chief (2nd review) for review and comment.

INSTRUCTIONS FOR SECTION 17—MANAGEMENT REVIEW (2nd)

2ND REVIEW—The FOA Staff Chief (i.e., FOA Chief of Construction, Operations, Engineering, Planning, etc.) shall mark the appropriate box, review the completed report, provide substantive comments, sign, date, and return to the FOA Safety and Occupational Health Office.

INSTRUCTIONS FOR SECTION 18—SAFETY AND OCCUPATIONAL HEALTH REVIEW

3RD REVIEW—The FOA Safety and Occupational Health Office shall review the completed report, mark the appropriate box, ensure that any inadequacies, discrepancies, etc. are rectified by the responsible supervisor and management reviewers, provide substantive comments, sign, date and forward to the FOA Commander for review, comment, and signature.

INSTRUCTION FOR SECTION 19—COMMAND APPROVAL

4TH REVIEW—The FOA Commander shall (to include the person designated Acting Commander in his absence) review the completed report, comment if required, sign, date, and forward the report to the FOA Safety and Occupational Health Office. Signature authority shall not be delegated.

APPENDIX I
AIR MONITORING ANALYSIS

NOTES ON APPENDIX A:

The following results are broken down into Respirable Dust (RD) and Perimeter Lead/Beryllium (PL) to make analyzing data easier. Each sampling event during worker exposure periods included personal samples for the most at-risk operator/technician. "Gaps" in Respirable Dust samples represent periods during which pre-weighed/pre-numbered samples were used; when samples were used for personal monitoring the sequential number order suffered a break.

Lead and Beryllium were run on the same sample (per UEC's acknowledgement of use) to decrease cost and increase value.

Samples #41-44 were run as blind blanks to check lab efficiency; they passed.

A copy of these results was posted in the break area, as they became available, for employees to view at their convenience. Results were also discussed during safety meetings.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 26, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

I appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi.. ars & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC.LOT SITE-VULCAN LOUISVILLE SMELTIN

TRACKING NUMBER: 83470 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
26684	RD-01	DUST,RESPIRABLE-AIR	08/23/98	482	1.7005	819.641	08/28/98		0.02	0.02	0.01					
26685	RD-02	DUST,RESPIRABLE-AIR	08/23/98	482	1.7065	822.533	08/28/98		<0.01	<0.01	0.01					
26686	RD-03	DUST,RESPIRABLE-AIR	08/23/98	482	1.706	822.292	08/28/98		0.06	0.07	0.01					
26687	RD-04 BLK-BLANK	DUST,RESPIRABLE-AIR	08/23/98	N/A	N/A	N/A	08/28/98		<0.01	N/A	0.01					

ANALYST : [signature] Date: 8-28-98

APPROVED: Mark R Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 25, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST, RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued sistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX En_ ıeers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC. LOT SITE-VULCAN LOUISVILLE SMELTI

TRACKING NUMBER: 83471 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
26692	05RD	DUST,RESPIRABLE-AIR	08/24/98	310	1.728	535.68	08/28/98		0.04	0.07	0.01					
26693	06RD	DUST,RESPIRABLE-AIR	08/24/98	300	1.741	522.3	08/28/98		0.01	0.02	0.01					
26694	07RD	DUST,RESPIRABLE-AIR	08/24/98	297	1.716	509.652	08/28/98		<0.01	<0.02	0.01					
26695	08RD BLK-BLANK	DUST,RESPIRABLE-AIR	08/24/98	N/A	N/A	N/A	08/28/98		<0.01	N/A	0.01					

ANALYST : Mark R. Date: 8-28-98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
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IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 27, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi. ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/31/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 56819DP SITE LOCATION : VAC. LOT SITE/VULCAN LOUISVILLE SMELTI

TRACKING NUMBER: 83482 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
26809	RD-09	DUST,RESPIRABLE-AIR	08/25/98	485	1.696	822.56	08/31/98		0.02	0.02	0.01					
26810	RD-10	DUST,RESPIRABLE-AIR	08/25/98	500	1.717	858.5	08/31/98		0.02	0.02	0.01					
26811	RD-11	DUST,RESPIRABLE-AIR	08/25/98	500	1.763	881.5	08/31/98		0.09	0.10	0.01					
26812	RD-12 BLK-BLANK	DUST,RESPIRABLE-AIR	08/25/98	N/A	N/A	N/A	08/31/98		<0.01	N/A	0.01					

COMMENTS: DUST WEIGHTS ARE BLANK CORRECTED.

ANALYST : [signature] Date: 8-31-98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

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IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 27, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi. .rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/31/1998

PAGE - 1

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 56819DP SITE LOCATION : VAC. LOTE SITE-VULCAN LOUISVILLE SMELT

TRACKING NUMBER: 83481 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRYSTALINE CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
26800	RD-14	DUST,RESPIRABLE-AIR	08/26/98	510	1.71	872.1	08/28/98		<0.01	<0.01	0.01					
26801	RD-15	DUST,RESPIRABLE-AIR	08/26/98	475	1.721	817.475	08/28/98		<0.01	<0.01	0.01					
26802	RD-16	DUST,RESPIRABLE-AIR	08/26/98	485	1.7	824.5	08/28/98		<0.01	<0.01	0.01					
26803	SPR-01	DUST,RESPIRABLE-AIR	08/26/98	500	1.733	866.5	08/28/98		<0.01	<0.01	0.01					
26804	RD-17 BLK-BLANK	DUST,RESPIRABLE-AIR	08/26/98	N/A	N/A	N/A	08/28/98		<0.01	N/A	0.01					

ANALYST : [signature] Date: 8-31-98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s, of the analysis on sample(s) submitted to the UEC Laboratories on August 31, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng_ ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/01/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83523 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
27043	RD-18	DUST,RESPIRABLE-AIR	08/27/98	475	1.715	814.625	09/01/98		0.06	0.06	0.01					
27044	RD-19	DUST,RESPIRABLE-AIR	08/27/98	475	1.738	825.55	09/01/98		0.05	0.06	0.01					
27045	RD-20	DUST,RESPIRABLE-AIR	08/27/98	480	1.721	826.08	09/01/98		0.06	0.07	0.01					
27046	SPR-02	DUST,RESPIRABLE-AIR	08/27/98	495	1.722	852.39	09/01/98		0.07	0.08	0.01					
27047	RD-21 BLK-BLANK	DUST,RESPIRABLE-AIR	08/27/98	N/A	N/A	N/A	09/01/98		<0.01	N/A	0.01					

COMMENTS: Dusts are blank corrected.

ANALYST : Mary K [illegible] Date: 9-1-98

APPROVED: Mark R. Banister Date: 9/01/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 1, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued sistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/02/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83534 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
27167	RD-23	DUST,RESPIRABLE-AIR	08/29/98	470	1.701	799.47	09/02/98		0.51	0.64	0.01					
27168	RD-24	DUST,RESPIRABLE-AIR	08/29/98	500	1.663	831.5	09/02/98		0.03	0.04	0.01					
27169	RD-25	DUST,RESPIRABLE-AIR	08/29/98	500	1.691	845.5	09/02/98		0.02	0.02	0.01					
27170	SPR-03	DUST,RESPIRABLE-AIR	08/29/98	475	1.703	808.925	09/02/98		0.04	0.05	0.01					
27171	RD-26 BLK-BLANK	DUST,RESPIRABLE-AIR	08/29/98	N/A	N/A	N/A	09/02/98		<0.01	N/A	0.01					

COMMENTS: DUSTS ARE BLANK CORRECTED.

ANALYST : [signature] Date: 9-2-98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
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IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 10, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attacned are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 2, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

; appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Envi ntal Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/03/19..

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83557 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
27322	RD-28	DUST,RESPIRABLE-AIR	08/31/98	470	1.711	804.17	09/03/98		0.04	0.05	0.01					
27323	RD-29	DUST,RESPIRABLE-AIR	08/31/98	482	1.682	810.724	09/03/98		<0.01	<0.01	0.01					
27324	RD-30	DUST,RESPIRABLE-AIR	08/31/98	479	1.709	818.611	09/03/98		0.01	0.01	0.01					
27325	RD-32 BLK-BLANK	DUST,RESPIRABLE-AIR	08/31/98	N/A	N/A	N/A	09/03/98		<0.01	N/A	0.01					
27326	SPR-04	DUST,RESPIRABLE-AIR	08/31/98	476	1.733	824.908	09/03/98		0.03	0.04	0.01					

COMMENTS: Dusts are blank corrected.

ANALYST : Mary C. Mc... Date: 9-3-98

APPROVED: Mark R. Banister Date: 9/14/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

4000 Tech Center Drive
Monroeville, PA 15146
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IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 10, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 3, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued sistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng. ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/10/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83591 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
27547	RD-33	DUST,RESPIRABLE-AIR	09/01/98	450	1.701	765.45	09/09/98		0.03	0.04	0.01					
27548	RD-34	DUST,RESPIRABLE-AIR	09/01/98	475	1.682	798.95	09/09/98		0.05	0.06	0.01					
27549	RD-35	DUST,RESPIRABLE-AIR	09/01/98	470	1.71	803.7	09/09/98		0.11	0.14	0.01					
27550	RD-36-BLANK	DUST,RESPIRABLE-AIR	09/01/98	N/A	N/A	N/A	09/09/98		< 0.01	NA	0.01					
27551	SPR-05	DUST,RESPIRABLE-AIR	09/01/98	482	1.715	826.63	09/09/98		0.02	0.02	0.01					

COMMENTS: Dust wt. is blank corrected.

ANALYST : James J. Miller Date: 9-10-98

APPROVED: Mark R. Banister Date: 9/14/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 15, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 4, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/10/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	*Work Requested by : Todd Teets* Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83613 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRYSTALINE CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
27695	RD-38	DUST,RESPIRABLE-AIR	09/02/98	489	1.734	847.926	09/09/98		0.02	0.02	0.01					
27696	RD-39	DUST,RESPIRABLE-AIR	09/02/98	483	1.709	825.447	09/09/98		0.04	0.05	0.01					
27697	RD-40	DUST,RESPIRABLE-AIR	09/02/98	485	1.706	827.41	09/09/98		0.04	0.05	0.01					
27698	RD-41-BLANK	DUST,RESPIRABLE-AIR	09/02/98	N/A	N/A	N/A	09/09/98		< 0.01	NA	0.01					
27699	SPR-06	DUST,RESPIRABLE-AIR	09/02/98	480	1.712	821.76	09/09/98		0.06	0.07	0.01					
27705	RD-43	DUST,RESPIRABLE-AIR	09/03/98	300	1.721	516.3	09/09/98		0.01	0.02	0.01					
27706	RD-44	DUST,RESPIRABLE-AIR	09/03/98	298	1.739	518.222	09/09/98		0.01	0.02	0.01					
27707	RD-45	DUST,RESPIRABLE-AIR	09/03/98	300	1.731	519.3	09/09/98		0.01	0.02	0.01					
27708	SPR-07	DUST,RESPIRABLE-AIR	09/03/98	305	1.722	525.21	09/09/98		0.01	0.02	0.01					
27709	RD-47-BLANK	DUST,RESPIRABLE-AIR	09/03/98	N/A	N/A	N/A	09/09/98		< 0.01	NA	0.01					

COMMENTS: Dust wt. is blank corrected.

ANALYST : James J. Miller Date: 9-10-98

APPROVED: Mark R. Banister Date: 9/15/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 16, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 14, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

. appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi. rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/15/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83709 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRYSTALINE CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
28423	RD-48	DUST,RESPIRABLE-AIR	09/09/98	482	1.705	821.81	09/15/98		<0.01	<0.01	0.01					
28424	RD-49	DUST,RESPIRABLE-AIR	09/09/98	475	1.681	798.475	09/15/98		<0.01	<0.01	0.01					
28425	RD-50	DUST,RESPIRABLE-AIR	09/09/98	478	1.721	822.638	09/15/98		<0.01	<0.01	0.01					
28426	SPR-08	DUST,RESPIRABLE-AIR	09/09/98	480	1.705	818.4	09/15/98		0.02	0.02	0.01					
28427	RD-52-BLANK	DUST,RESPIRABLE-AIR	09/09/98	N/A	N/A	N/A	09/15/98		<0.01	N/A	0.01					

COMMENTS: DUST WEIGHTS ARE BLANK CORRECTED.

ANALYST : [signature] Date: 9-15-98

APPROVED: Mark R. Banister Date: 9/16/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2401
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 16, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 11, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

I appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/15/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83705 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
28392	RD-53	DUST,RESPIRABLE-AIR	09/10/98	490	1.711	838.39	09/15/98		0.02	0.02	0.01					
28393	RD-54	DUST,RESPIRABLE-AIR	09/10/98	479	1.707	817.653	09/15/98		<0.01	<0.01	0.01					
28394	RD-55	DUST,RESPIRABLE-AIR	09/10/98	482	1.73	833.86	09/15/98		0.01	0.01	0.01					
28395	RD-56-BLANK	DUST,RESPIRABLE-AIR	09/10/98	N/A	N/A	N/A	09/15/98		<0.01	N/A	0.01					
28396	SPR-57 (SPR-09)	DUST,RESPIRABLE-AIR	09/10/98	480	1.7265	828.72	09/15/98		0.02	0.02	0.01					

COMMENTS: DUST WEIGHTS ARE BLANK CORRECTED.

ANALYST : [signature] Date: 9-15-98

APPROVED: Mark R. Banister Date: 9/16/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 24, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 17, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/21/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83763 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
28853	RD-58	DUST,RESPIRABLE-AIR	09/16/98	475	1.696	805.6	09/18/98		0.03	0.04	0.01					
28854	RD-59	DUST,RESPIRABLE-AIR	09/16/98	480	1.715	823.2	09/18/98		0.05	0.06	0.01					
28855	RD-60	DUST,RESPIRABLE-AIR	09/16/98	478	1.713	818.814	09/18/98		0.04	0.05	0.01					
28856	RD-61-BLANK	DUST,RESPIRABLE-AIR	09/16/98	N/A	N/A	N/A	09/18/98		<0.01	N/A	0.01					
28857	SPR-10	DUST,RESPIRABLE-AIR	09/16/98	483	1.713	827.379	09/18/98		0.01	0.01	0.01					

COMMENTS: Dust wt. is blank corrected.

ANALYST : James J. Miller Date: 9-21-98

APPROVED: Mark R. Banister Date: 9/25/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 24, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi..ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83808 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
29090	RD-63	DUST,RESPIRABLE-AIR	09/17/98	560	1.727	967.12	09/22/98		0.01	0.04	0.01					
29091	RD-64	DUST,RESPIRABLE-AIR	09/17/98	557	1.706	950.242	09/22/98		0.01	0.01	0.01					
29092	RD-65	DUST,RESPIRABLE-AIR	09/17/98	558	1.742	972.036	09/22/98		0.02	0.02	0.01					
29093	RD-66-BLANK	DUST,RESPIRABLE-AIR	09/17/98	N/A	N/A	N/A	09/22/98		<0.01	N/A	0.01					
29094	SPR-11	DUST,RESPIRABLE-AIR	09/17/98	525	1.723	904.575	09/22/98		0.04	0.04	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : [signature] Date: 9-22-98

APPROVED: Mark R. Banister Date: 9/25/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 24, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83806 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
29077	RD-68	DUST,RESPIRABLE-AIR	09/18/98	420	1.724	724.08	09/22/98		0.03	0.04	0.01					
29078	RD-69	DUST,RESPIRABLE-AIR	09/18/98	435	1.709	743.415	09/22/98		0.02	0.03	0.01					
29079	RD-70	DUST,RESPIRABLE-AIR	09/18/98	425	1.698	721.65	09/22/98		0.02	0.03	0.01					
29080	RD-71-BLANK	DUST,RESPIRABLE-AIR	09/18/98	N/A	N/A	N/A	09/22/98		<0.01	N/A	0.01					
29081	SPR-12	DUST,RESPIRABLE-AIR	09/18/98	425	1.707	725.475	09/22/98		0.04	0.06	0.01				-	

COMMENTS: Dust wts. are blank corrected.

ANALYST : [signature] Date: 9-22-98

APPROVED: Mark R. Banister Date: 9/25/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

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IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 29, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 22, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

e appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/23/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83832 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
29247	RD-73	DUST,RESPIRABLE-AIR	09/21/98	461	1.737	800.757	09/23/98		<0.01	<0.01	0.01					
29248	RD-74	DUST,RESPIRABLE-AIR	09/21/98	466	1.781	829.946	09/23/98		0.01	0.01	0.01					
29249	RD-75	DUST,RESPIRABLE-AIR	09/21/98	446	1.766	787.636	09/23/98		0.02	0.03	0.01					
29250	RD-76-BLANK	DUST,RESPIRABLE-AIR	09/21/98	N/A	N/A	N/A	09/23/98		<0.01	N/A	0.01					
29251	SPR-13	DUST,RESPIRABLE-AIR	09/21/98	450	1.738	782.1	09/23/98		0.04	0.05	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 9-23-98

APPROVED: Mark R. Banister Date: 9/29/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

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Monroeville, PA 15146
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IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 29, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 23, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/24/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83852 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
29360	RD-77	DUST,RESPIRABLE-AIR	09/22/98	435	1.723	749.505	09/24/98		<0.01	<0.01	0.01					
29361	RD-78	DUST,RESPIRABLE-AIR	09/22/98	438	1.708	748.104	09/24/98		<0.01	<0.01	0.01					
29362	RD-79	DUST,RESPIRABLE-AIR	09/22/98	430	1.715	737.45	09/24/98		<0.01	<0.01	0.01					
29363	RD-80-BLANK	DUST,RESPIRABLE-AIR	09/22/98	N/A	N/A	N/A	09/24/98		<0.01	N/A	0.01					
29364	SPR-14	DUST,RESPIRABLE-AIR	09/22/98	420	1.709	717.78	09/24/98		<0.01	N/A	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST: James J. Miller Date: 9-24-98

APPROVED: Mark R. Banister Date: 9/29/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 2, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 28, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/29/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83939 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
29740	RD-82	DUST,RESPIRABLE-AIR	09/25/98	470	1.705	801.35	09/29/98		0.02	0.03	0.01					
29741	RD-83	DUST,RESPIRABLE-AIR	09/25/98	470	1.695	796.65	09/29/98		0.03	0.04	0.01					
29742	RD-84	DUST,RESPIRABLE-AIR	09/25/98	470	1.663	781.61	09/29/98		0.03	0.04	0.01					
29743	RD-85-BLANK	DUST,RESPIRABLE-AIR	09/25/98	N/A	N/A	N/A	09/29/98		<0.01	N/A	0.01					
29744	SPR-15	DUST,RESPIRABLE-AIR	09/25/98	475	1.684	799.9	09/29/98		0.05	0.06	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 9-29-98

APPROVED Mark R. Banister Date: 10/5/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 20, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 14, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/15/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84149 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE				
												QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
31280	RD-87	DUST,RESPIRABLE-AIR	10/13/98	455	1.73	787.15	10/15/98		0.20	0.25	0.01					
31281	RD-88	DUST,RESPIRABLE-AIR	10/13/98	456	1.705	777.48	10/15/98		0.19	0.24	0.01					
31282	RD-89	DUST,RESPIRABLE-AIR	10/13/98	456	1.709	779.304	10/15/98		0.04	0.05	0.01					
31283	RD-90-BLANK	DUST,RESPIRABLE-AIR	10/13/98	N/A	N/A	N/A	10/15/98		<0.01	N/A	0.01					
31284	SPR-16	DUST,RESPIRABLE-AIR	10/13/98	458	1.732	793.256	10/15/98		0.32	0.40	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 10-15-98

APPROVED: Mark R. Banister Date: 10/21/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 26, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 19, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE

TRACKING NUMBER: 84194 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
31690	RD-91	DUST,RESPIRABLE-AIR	10/15/98	483	1.709	825.447	10/20/98		0.02	0.02	0.01					
31691	RD-92	DUST,RESPIRABLE-AIR	10/15/98	480	1.765	847.2	10/20/98		0.10	0.12	0.01					
31692	RD-93	DUST,RESPIRABLE-AIR	10/15/98	488	1.725	841.8	10/20/98		0.01	0.01	0.01					
31693	RD-94-BLANK	DUST,RESPIRABLE-AIR	10/15/98	*	*	*	10/20/98		<0.01	N/A	0.01					
31694	SPR-17	DUST,RESPIRABLE-AIR	10/15/98	490	1.736	850.64	10/20/98		0.05	0.06	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 10-22-98

APPROVED: Mark R. Banister Date: 10/26/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 26, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 19, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

..e appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE

TRACKING NUMBER: 84195 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
31700	RD-95	DUST,RESPIRABLE-AIR	10/16/98	490	1.682	824.18	10/20/98		0.15	0.18	0.01					
31701	RD-96	DUST,RESPIRABLE-AIR	10/16/98	486	1.682	817.452	10/20/98		0.09	0.11	0.01					
31702	RD-97	DUST,RESPIRABLE-AIR	10/16/98	483	1.693	817.719	10/20/98		0.04	0.05	0.01					
31703	RD-98-BLANK	DUST,RESPIRABLE-AIR	10/16/98	*	*	*	10/20/98		<0.01	N/A	0.01					
31704	SPR-18	DUST,RESPIRABLE-AIR	10/16/98	476	1.683	801.108	10/20/98		<0.01	<0.01	0.01					

ANALYST : James J. Miller Date: 10-22-98

APPROVED: Mark R. Banister Date: 10/22/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 27, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84224 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
31907	RD-99	DUST,RESPIRABLE-AIR	10/19/98	480	1.7	816.	10/22/98		<0.01	<0.01	0.01					
31908	RD-101	DUST,RESPIRABLE-AIR	10/19/98	478	2.2	1051.6	10/22/98		<0.01	<0.01	0.01					
31909	RD-102-BLANK	DUST,RESPIRABLE-AIR	10/19/98	N/A	N/A	N/A	10/22/98		<0.01	N/A	0.01					
31910	SPR-19	DUST,RESPIRABLE-AIR	10/19/98	475	2.1	997.5	10/22/98		<0.01	<0.01	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 10-22-98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 27, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/22/1998

Customer:	CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064		Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84223 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
31899	RD-103	DUST,RESPIRABLE-AIR	10/20/98	456	1.692	771.552	10/22/98		0.07	0.09	0.01					
31900	RD-104	DUST,RESPIRABLE-AIR	10/20/98	452	1.708	772.016	10/22/98		0.01	0.01	0.01					
31901	RD-105	DUST,RESPIRABLE-AIR	10/20/98	450	1.72	774.	10/22/98		<0.01	<0.01	0.01					
31902	RD-106-BLANK	DUST,RESPIRABLE-AIR	10/20/98	N/A	N/A	N/A	10/22/98		<0.01	N/A	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 10-22-98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 28, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 23, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/26/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84250 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
32075	RD-107	DUST,RESPIRABLE-AIR	10/21/98	420	1.707	716.94	10/26/98		0.02	0.03	0.01					
32076	RD-108	DUST,RESPIRABLE-AIR	10/21/98	419	1.693	709.367	10/26/98		<0.01	<0.02	0.01					
32077	RD-109	DUST,RESPIRABLE-AIR	10/21/98	420	1.695	711.9	10/26/98		<0.01	<0.02	0.01					
32078	RD-110-BLANK	DUST,RESPIRABLE-AIR	10/21/98	N/A	N/A	N/A	10/26/98		<0.01	N/A	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST James J. Miller Date: 10-26-98

APPROVED: Mark R Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 28, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 23, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi..ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/26/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84251 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
32084	RD-111	DUST,RESPIRABLE-AIR	10/22/98	423	1.739	735.597	10/26/98		<0.01	<0.02	0.01					
32085	RD-112	DUST,RESPIRABLE-AIR	10/22/98	429	1.756	753.324	10/26/98		0.02	0.03	0.01					
32086	RD-113	DUST,RESPIRABLE-AIR	10/22/98	442	1.73	764.66	10/26/98		0.02	0.03	0.01					
32087	RD-114-BLANK	DUST,RESPIRABLE-AIR	10/22/98	N/A	N/A	N/A	10/26/98		<0.01	N/A	0.01					
32088	SPR-20	DUST,RESPIRABLE-AIR	10/22/98	438	1.719	752.922	10/26/98		0.05	0.07	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 10-26-98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 28, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 26, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
DUST,RESPIRABLE-AIR	NIOSH-0600	

e appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/27/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84273 A

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	RESPIRABLE OR NUISANCE DUST				CRYSTALINE QUARTZ			CRISTOBALITE	
								TYPE	mg	mg/m3	LOD	mg	mg/m3	%	mg	mg/m3
32185	RD-115	DUST,RESPIRABLE-AIR	10/23/98	420	1.689	709.38	10/27/98		<0.01	<0.02	0.01					
32186	RD-116	DUST,RESPIRABLE-AIR	10/23/98	420	1.718	721.56	10/27/98		0.10	0.14	0.01					
32187	RD-117	DUST,RESPIRABLE-AIR	10/23/98	421	1.7	715.7	10/27/98		<0.01	<0.02	0.01					
32188	RD-118-BLANK	DUST,RESPIRABLE-AIR	10/23/98	N/A	N/A	N/A	10/27/98		<0.01	N/A	0.01					
32189	SPR-20	DUST,RESPIRABLE-AIR	10/23/98	423	1.713	724.599	10/27/98		0.01	0.02	0.01					

COMMENTS: Dust wts. are blank corrected.

ANALYST : James J. Miller Date: 10-27-98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 26, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC.LOT SITE-VULCAN LOUISVILLE SMELTIN

TRACKING NUMBER: 83470

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
26680	PL-01	LEAD-AIR	08/23/98	482	1.698	818.436	08/28/98				<1.0		<1.2		A
26681	PL-02	LEAD-AIR	08/23/98	482	1.743	840.126	08/28/98				<1.0		<1.2		A
26682	PL-03	LEAD-AIR	08/23/98	482	1.725	831.45	08/28/98				<1.0		<1.2		A
26683	PL-04 BLK-BLANK	LEAD-AIR	08/23/98	N/A	N/A	N/A	08/28/98				<1.0		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharterby Date: 08/28/98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 OHM/IT CORP.

Sampler's Name: TODD D. TREETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064 (847) 473-1694

Delivery Date:

Analysis Required: 0600 (RD) & 7300 (PL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers/Area		Name - Social Security Number and/or Comments and Sketches
8/23/98	PL-01	1	10:06	18:08	482	1709	1687	1698	818		UW	
	PL-02	2	10:10	18:12	482	1746	1743	1744.5	840		DW-1	
	PL-03	3	10:12	18:14	482	1742	1708	1725	831		DW-2	
	PL-04											BLANK
	RD-01	4	10:06	18:08	482	1706	1695	1700.5	819.		UW	
	RD-02	5	10:10	18:12	482	1722	1691	1706.5	822		DW-1	
	RD-03	6	10:12	18:14	482	1720	1692	1706	822		DW-2	
	RD-04											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D Treets, OHM/IT, 8/24/98,
   Received by Jerry Stuchlen 8-25-98
2. Relinquished by Jerry Stuchlen 8-25-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 25, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC. LOT SITE-VULCAN LOUISVILLE SMELTI

TRACKING NUMBER: 83471

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
26688	PL-05	LEAD-AIR	08/24/98	310	1.735	537.85	08/28/98				<1.0		<1.9		A
26689	PL-06	LEAD-AIR	08/24/98	300	1.73	519.	08/28/98				<1.0		<1.9		A
26690	PL-07	LEAD-AIR	08/24/98	297	1.738	516.186	08/28/98				<1.0		<1.9		A
26691	PL-08 BLK-BLANK	LEAD-AIR	08/24/98	N/A	N/A	N/A	08/28/98				<1.0		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharterby Date: 08/28/98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX . ,ineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 OHM/IT CORP.

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064 (847) 473-1694

Delivery Date:

Analysis Required: 0600 (RD) + 7300 (PL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/24/98	PL-05	#1	0840	1350	310	1719	1751	1735	538		UW	BACKGROUND
8/24/98	PL-06	#2	0855	1355	300	1715	1744	1730	519		DW-1	BACKGROUND
8/24/98	PL-07	#3	0900	1357	297	1724	1752	1738	516		DW-2	BACKGROUND
8/24/98	PL-08											BLANK
8/24/98	05 RD	#4	0840	1350	310	1717	1738	1728	536		UW	BACKGROUND
8/24/98	06 RD	#5	0855	1355	300	1724	1758	1741	522		DW-1	BACKGROUND
8/24/98	07 RD	#6	0900	1357	297	1710	1722	1716	509		DW-2	BACKGROUND
8/24/98	08 RD											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets OHM/IT 8/24/98
   Received by Judy Stechler 8-25-98
2. Relinquished by Judy Stechler 8-25-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 9, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 3, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi .rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/04/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC LOT SITE VULCAN LOUISVILLE

TRACKING NUMBER: 83585

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27460	PL-01	BERYLLIUM-AIR	08/23/98	482	1.698	818.436	09/04/98				<0.025		<0.031		A
27461	PL-02	BERYLLIUM-AIR	08/23/98	482	1.743	840.126	09/04/98				<0.025		<0.030		A
27462	PL-03	BERYLLIUM-AIR	08/23/98	482	1.725	831.45	09/04/98				<0.025		<0.030		A
27463	PL-04-BLANK	BERYLLIUM-AIR	08/23/98	N/A	N/A	N/A	09/04/98				<0.025		N/A		A
27464	PL-05	BERYLLIUM-AIR	08/24/98	310	1.735	537.85	09/04/98				<0.025		<0.046		A
27465	PL-06	BERYLLIUM-AIR	08/24/98	300	1.73	519.	09/04/98				<0.025		<0.048		A
27466	PL-07	BERYLLIUM-AIR	08/24/98	297	1.738	516.186	09/04/98				<0.025		<0.048		A
27467	PL-08-BLANK	BERYLLIUM-AIR	08/24/98	N/A	N/A	N/A	09/04/98				<0.025		N/A		A
27468	PL-13	BERYLLIUM-AIR	08/26/98	510	1.727	880.77	09/04/98				<0.025		<0.028		A
27469	PL-14	BERYLLIUM-AIR	08/26/98	475	1.722	817.95	09/04/98				<0.025		<0.031		A
27470	PL-15	BERYLLIUM-AIR	08/26/98	485	1.722	835.17	09/04/98				<0.025		<0.030		A
27471	SPL-01	BERYLLIUM-AIR	08/26/98	500	1.713	856.5	09/04/98				<0.025		<0.029		A
27472	PL-16-BLANK	BERYLLIUM-AIR	08/26/98	N/A	N/A	N/A	09/04/98				<0.025		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC LOT SITE VULCAN LOUISVILLE

TRACKING NUMBER: 83585

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27473	PL-09	BERYLLIUM-AIR	08/25/98	485	1.709	828.865	09/04/98				<0.025		<0.030		A
27474	PL-10	BERYLLIUM-AIR	08/25/98	500	1.734	867.	09/04/98				<0.025		<0.029		A
27475	PL-11	BERYLLIUM-AIR	08/25/98	500	1.734	867.	09/04/98				<0.025		<0.029		A
27476	PL-12-BLANK	BERYLLIUM-AIR	08/25/98	N/A	N/A	N/A	09/04/98				<0.025		N/A		A
27477	PL-17	BERYLLIUM-AIR	08/27/98	475	1.7	807.5	09/04/98				<0.025		<0.031		A
27478	PL-18	BERYLLIUM-AIR	08/27/98	475	1.726	819.85	09/04/98				<0.025		<0.031		A
27479	PL-19	BERYLLIUM-AIR	08/27/98	480	1.706	818.88	09/04/98				<0.025		<0.031		A
27480	SPL-02	BERYLLIUM-AIR	08/27/98	495	1.715	848.925	09/04/98				<0.025		<0.029		A
27481	PL-20-BLANK	BERYLLIUM-AIR	08/27/98	N/A	N/A	N/A	09/04/98				<0.025		N/A		A
27482	PL-21	BERYLLIUM-AIR	08/29/98	470	1.687	792.89	09/04/98				<0.025		<0.032		A
27483	PL-22	BERYLLIUM-AIR	08/29/98	500	1.72	860.	09/04/98				<0.025		<0.029		A
27484	PL-23	BERYLLIUM-AIR	08/29/98	500	1.72	860.	09/04/98				<0.025		<0.029		A
27485	SPL-03	BERYLLIUM-AIR	08/29/98	475	1.73	821.75	09/04/98				<0.025		<0.030		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engi. rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VAC LOT SITE VULCAN LOUISVILLE

TRACKING NUMBER: 83585

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27486	PL-24-BLANK	BERYLLIUM-AIR	08/29/98	N/A	N/A	N/A	09/04/98				<0.025		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 09/04/98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 27, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg

. appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi. ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/31/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 56819DP SITE LOCATION : VAC. LOT SITE/VULCAN LOUISVILLE SMELTI

TRACKING NUMBER: 83482

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
26805	PL-09	LEAD-AIR	08/25/98	485	1.709	828.865	08/31/98				<1.0		<1.2		A
26806	PL-10	LEAD-AIR	08/25/98	500	1.734	867.	08/31/98				<1.0		<1.2		A
26807	PL-11	LEAD-AIR	08/25/98	500	1.734	867.	08/31/98				<1.0		<1.2		A
26808	PL-12 BLK-BLANK	LEAD-AIR	08/25/98	N/A	N/A	N/A	08/31/98				<1.0		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharton-Eby Date: 9-1-98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX gineers & Consultants, Inc.
4000 ech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 92089Z OHM/IT (847) 473-1694

Sampler's Name: Todd D. Terets

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD) + 7300 (PL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/25/98	PL-09	1	10:55	1900	485	1720	1697	1709	829		UW	
"	PL-10	2	11:00	1920	500	1733	1734	1734	866		DW-1	
"	PL-11	3	11:10	1930	500	1714	1753	1734	866		DW-2	
"	PL-12											BLANK
"	RD-09	5	10:55	1900	485	1713 ~~1734~~	1678	1696	822		UW	
"	RD-10	6	11:00	1920	500	1715	1719	1717	858		DW-1	
"	RD-11	7	11:10	1930	500	1735	1790	1763	881		DW-2	
"	RD-12											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Terets, IT/OHM, 8/26/98
   Received by Jason Stoehler 8-27-98
2. Relinquished by Jason Stoehler 8-27-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 27, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg

. appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engir. rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 08/31/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 56819DP SITE LOCATION : VAC. LOTE SITE-VULCAN LOUISVILLE SMELT

TRACKING NUMBER: 83481

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
26795	PL-13	LEAD-AIR	08/26/98	510	1.727	880.77	08/31/98				<1.0		<1.1		A
26796	PL-14	LEAD-AIR	08/26/98	475	1.722	817.95	08/31/98				<1.0		<1.2		A
26797	PL-15	LEAD-AIR	08/26/98	485	1.722	835.17	08/31/98				<1.0		<1.2		A
26798	SPL-01	LEAD-AIR	08/26/98	500	1.713	856.5	08/31/98				<1.0		<1.2		A
26799	PL-16 BLK-BLANK	LEAD-AIR	08/26/98	N/A	N/A	N/A	08/31/98				<1.0		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wlastenky Date: 9-1-98

APPROVED: Mark R Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
400(ch Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 OHM/ITCORP (847)473-1694

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/26/98	PL-13	1	930	1800	510	1724	1729	1727	881		UW	
"	PL-14	2	945	1810	475	1723	1720	1722	818		DW-1	CHIPPER OP.
"	PL-15	3	950	1815	485	1713	1730	1722	835		DW-2	
"	SPL-01	4	1005	1825	500	1717	1708	1723	856	X		JOE JACEK - DUST CONTROL - EMPLOYEE # 957513
"	PL-16											BLANK
"	RD-14	5	930	1800	510	1717	1703	1710	872		UW	
"	RD-15	6	945	1810	475	1727	1714	1721	817		DW-1	CHIPPER OP.
"	RD-16	7	950	1815	485	1714	1686	1700	825		DW-2	

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 8/26/98
   Received by Judy Strehler 8-27-98
2. Relinquished by Judy Strehler 8-27-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: ABOVE ADDRESS

Invoice to: ABOVE ADDRESS

PAGE 1 OF 1

USX F ineers & Consultants, Inc.
4000 ' n Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 92D892 OHM/IT CORP (847) 473-1684

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD & SPR) + 7300 (PL & SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/26/96	SPR-01	8	1005	1825	500	1707	1759	1733	867	X		JOHNNY HESTER - EXCAVATOR - EMPLOYEE# 957830
8/26/96	RD-17											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by TODD D. TEETS, IT/OHM, 8/26/96
   Received by Jerry Strehler 8-27-96
2. Relinquished by Jerry Strehler 8-27-96
   Received by
3. Relinquished by
   Received by
4. Relinquished by
   Received by

Final Report to: ABOVE ADDRESS

Invoice to: ABOVE ADDRESS

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on August 31, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/02/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83523

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27038	PL-17	LEAD-AIR	08/27/98	475	1.7	807.5	09/01/98				<1.0		<1.2		A
27039	PL-18	LEAD-AIR	08/27/98	475	1.726	819.85	09/01/98				<1.0		<1.2		A
27040	PL-19	LEAD-AIR	08/27/98	480	1.706	818.88	09/01/98				<1.0		<1.2		A
27041	SPL-02	LEAD-AIR	08/27/98	495	1.715	848.925	09/01/98				<1.0		<1.2		A
27042	PL-20 BLK-BLANK	LEAD-AIR	08/27/98	N/A	N/A	N/A	09/01/98				<1.0		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 09/02/98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE

USX I neers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 IT/OHM CORP. (847) 473-1694

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/27/98	PL-17	1	0950	~~1749~~ 1755	475	1712	1688	1700	808		UW	
"	PL-18	2	1015	1810	475	1723	1728	1726	820		DW-1	
"	PL-19	3	1020	1820	480	1701	1710	1706	819		DW-2	
"	SPL-02	4	1010	1825	495	1720	1710	1715	849	X		KATHY HARTRUP - DUST CONTROL - EMPLOYEE # 958014
"	PL-20											BLANK
"	RD-18	5	0950	1755	475	1703	1726	1715	814		UW	
"	RD-19	6	1015	1810	475	1712	1764	1738	826		DW-1	
"	RD-20	7	1020	1820	480	1707	1734	1721	826		DW-2	

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets IT/OHM 8/28/98
   Received by Judy Strehler 8-31-98
2. Relinquished by Judy Strehler 8-31-98
   Received by
3. Relinquished by
   Received by
4. Relinquished by
   Received by

Final Report to:

Invoice to:

USX I neers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 IT/OHM CORP. (847) 473-1694

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL, 60064

Delivery Date:

Analysis Required: 0600 (RD & SPR) & 7300 (PL & SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/27/98	SPR-02	8	1010	1825	495	1714	1730	1722	852	X		GENE DUCKWORTH - DUMP TRUCK - EMPLOYEE # 957644
"	RD-21											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by [signature] 8/28/98
   Received by [signature] 8-31-98
2. Relinquished by [signature] 8-31-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 8, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 1, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg

appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/02/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83534

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27162	PL-21	LEAD-AIR	08/29/98	470	1.687	792.89	09/01/98				<1.0		<1.3		A
27163	PL-22	LEAD-AIR	08/29/98	500	1.72	860.	09/01/98				<1.0		<1.2		A
27164	PL-23	LEAD-AIR	08/29/98	500	1.72	860.	09/01/98				<1.0		<1.2		A
27165	SPL-03	LEAD-AIR	08/29/98	475	1.73	821.75	09/01/98				<1.0		<1.2		A
27166	PL-24 BLK-BLANK	LEAD-AIR	08/29/98	N/A	N/A	N/A	09/01/98				<1.0		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 09/02/98

APPROVED: Mark R. Banister Date: 9/10/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USY gineers & Consultants, Inc.
4000 ech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/29/98	PL-21		0910	1700	470	1716	1659	1.687			UW	
"	PL-22		0845	1705	500	1724	1716	1.72			DW-1	
"	PL-23		0850	1710	500	1714	1725	1.72			DW-2	
"	SPL-03		0900	1655	475	1729	1730	1.73		X		MIKE HAASE - ROAD CONTROL - EMPLOYEE #
"	PL-24											BLANK
"	RD-23		0910	1700	470	1728	1673	1.701			KW	
"	RD-24		0845	1705	500	1706	1619	1.663			DW-1	
"	RD-25		0850	1710	500	1709	1673	1.691			DW-2	

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets IT/OHM
   Received by Judy Stoehler 9-1-98
2. Relinquished by Judy Stoehler 9-1-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX . ineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) & 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/29/94	(RD-27) SPR-03	8	0900	1655	475	1720	1645	1.703		X		JON CARR - MINI EXCAVATOR
"	RD-26											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets IT/OHM
   Received by Judy Strehler 9-1-98
2. Relinquished by Judy Strehler 9-1-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 10, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 2, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/04/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83557

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27317	PL-25	LEAD-AIR	08/31/98	470	1.705	801.35	09/03/98				<1.0		<1.2		A
27317	PL-25	BERYLLIUM-AIR	08/31/98	470	1.705	801.35	09/03/98				<0.025		<0.031		A
27318	PL-26	LEAD-AIR	08/31/98	482	1.71	824.22	09/03/98				<1.0		<1.2		A
27318	PL-26	BERYLLIUM-AIR	08/31/98	482	1.71	824.22	09/03/98				<0.025		<0.030		A
27319	PL-27	LEAD-AIR	08/31/98	479	1.717	822.443	09/03/98				<1.0		<1.2		A
27319	PL-27	BERYLLIUM-AIR	08/31/98	479	1.717	822.443	09/03/98				<0.025		<0.030		A
27320	PL-28 BLK-BLANK	LEAD-AIR	08/31/98	N/A	N/A	N/A	09/03/98				<1.0		N/A		A
27320	PL-28 BLK-BLANK	BERYLLIUM-AIR	08/31/98	N/A	N/A	N/A	09/03/98				<0.025		N/A		A
27321	SPL-04	LEAD-AIR	08/31/98	476	1.729	823.004	09/03/98				<1.0		<1.2		A
27321	SPL-04	BERYLLIUM-AIR	08/31/98	476	1.729	823.004	09/03/98				<0.025		<0.030		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 09/04/98

APPROVED: Mark R. Banister Date: 9/14/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX gineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/31/98	PL-25	1	0900	1650	470	1708	1701	1705	801		UW	
"	PL-26	2	0910	1712	482	1729	1691	1710	824		DW-1	
"	PL-27	3	0912	1711	479	1716	1718	1717	822		DW-2	
"	PL-28											BLANK
"	SPL-04	4	0905	1701	476	1720	1738	1729	823	X		JON. CARR - EXCAVATOR - EMP. # 957354
"	RD-28	5	0900	1650	470	1718	1703	1711	804		UW	
"	RD-29	6	0910	1712	482	1721	1642	1682	810		DW-1	
"	RD-30	7	0912	1711	479	1728	1689	1709	818		DW-2	

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd Teets, IT, 9/1/98
   Received by Judy Strehlen 9-2-98
2. Relinquished by Judy Strehlen 9-2-98
   Received by
3. Relinquished by
   Received by
4. Relinquished by
   Received by

Final Report to: SEE ABOVE

Invoice to: SEE ABOVE - ATTN: JOE GAETTO

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD & SPR) + 7300 (PL + SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
8/31/98	RD-32					1708	TOT					BLANK
"	(31) SPR-04	8	0905	1701	476	1729	1737	1733	825			JOE JACEK - DUST CONTROL - EMP.# 957583

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT, 9/1/98
   Received by Judy Strehlen 9-2-98
2. Relinquished by Judy Strehlen 9-2-98
   Received by
3. Relinquished by
   Received by
4. Relinquished by
   Received by

Final Report to: SEE ABOVE

Invoice to: SEE ABOVE - ATTN: JOE GAETTO

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 10, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 3, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.000025 mg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/08/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83591

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27542	PL-29	LEAD-AIR	09/01/98	450	1.691	760.95	09/08/98				<1.0		<1.3		A
27542	PL-29	BERYLLIUM-AIR	09/01/98	450	1.691	760.95	09/08/98	<0.00002		<0.00003					A
27543	PL-30	LEAD-AIR	09/01/98	475	1.717	815.575	09/08/98				<1.0		<1.2		A
27543	PL-30	BERYLLIUM-AIR	09/01/98	475	1.717	815.575	09/08/98	<0.00002		<0.00003					A
27544	PL-31	LEAD-AIR	09/01/98	470	1.693	795.71	09/08/98				1.8		2.3		A
27544	PL-31	BERYLLIUM-AIR	09/01/98	470	1.693	795.71	09/08/98	0.00044		0.00055					A
27545	PL-32 BLK-BLANK	LEAD-AIR	09/01/98	N/A	N/A	N/A	09/08/98				<1.0		N/A		A
27545	PL-32 BLK-BLANK	BERYLLIUM-AIR	09/01/98	N/A	N/A	N/A	09/08/98	<0.00002		N/A					A
27546	SPL-05	LEAD-AIR	09/01/98	480	1.715	823.2	09/08/98				<1.0		<1.2		A
27546	SPL-05	BERYLLIUM-AIR	09/01/98	480	1.715	823.2	09/08/98	<0.00002		<0.00003					A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Daniel A. Wh Date: 09/08/98

APPROVED: Mark R. Banister Date: 9/14/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847)473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) & 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/1/98	PL-29	1	0910	1640	450	1722	1659	1691	761			
"	PL-30	2	0915	1710	475	1732	1702	1717	816			
"	PL-31	3	0918	1708	470	1717	1668	1693	795			
"	PL-32											BLANK
"	SPL-05	4	0902	1702	480	1724	1705	1715	823	X		MIKE HAASE - DUST CONTROL - EMPLOYEE# 958045
"	RD-33	5	0910	1640	450	1725	1676	1701	765			
"	RD-34	6	0915	1710	475	1704	1659	1682	799			
"	RD-35	7	0918	1708	470	1727	1692	1710	803			

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, OHM/IT, 9/2/98
   Received by Judy Strehlen 9.3.98
2. Relinquished by Judy Strehlen 9-3-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: ABOVE ADDRESS

Invoice to: ABOVE ADDRESS ATTN: JOE GAIETTO

USX . ,ineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847)473-1694 1697 (FAX)

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type MCE FILTER CASSETTES

Site Location 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date

Analysis Required 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/1/98	RD-36											BLANK
"	(37) SPR-05	8	0900	1702	462	1731	1698	1715	826	X		KATHY HARTRUP - DUMP TRUCK - EMPLOYEE # 958014

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, OHM/IT, 9/2/98
   Received by Jerry Strahler 9-3-98
2. Relinquished by Jerry Strahler 9-3-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: ABOVE ADDRESS

Invoice to: ABOVE ADDRESS ATTN: JOE GAETTO

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 15, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 4, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.000025 mg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng. ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/09/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83613

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27690	PL-33	LEAD-AIR	09/02/98	489	1.722	842.058	09/08/98				<1.0		<1.2		A
27690	PL-33	BERYLLIUM-AIR	09/02/98	489	1.722	842.058	09/08/98	<0.00002		<0.00003					A
27691	PL-34	LEAD-AIR	09/02/98	483	1.735	838.005	09/08/98				<1.0		<1.2		A
27691	PL-34	BERYLLIUM-AIR	09/02/98	483	1.735	838.005	09/08/98	<0.00002		<0.00003					A
27692	PL-35	LEAD-AIR	09/02/98	485	1.744	845.84	09/08/98				<1.0		<1.2		A
27692	PL-35	BERYLLIUM-AIR	09/02/98	485	1.744	845.84	09/08/98	<0.00002		<0.00003					A
27693	PL-36-BLANK	LEAD-AIR	09/02/98	N/A	N/A	N/A	09/08/98				<1.0		N/A		A
27693	PL-36-BLANK	BERYLLIUM-AIR	09/02/98	N/A	N/A	N/A	09/08/98	<0.00002		N/A					A
27694	SPL-06	LEAD-AIR	09/02/98	480	1.705	818.4	09/08/98				<1.0		<1.2		A
27694	SPL-06	BERYLLIUM-AIR	09/02/98	480	1.705	818.4	09/08/98	<0.00002		<0.00003					A
27700	PL-37	LEAD-AIR	09/03/98	300	1.733	519.9	09/08/98				<1.0		<1.9		A
27700	PL-37	BERYLLIUM-AIR	09/03/98	300	1.733	519.9	09/08/98	<0.00002		<0.00005					A
27701	PL-38	LEAD-AIR	09/03/98	298	1.746	520.308	09/08/98				<1.0		<1.9		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engi[illegible]rs & Consultants Inc.
IH & Environ[illegible]al Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/09/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83613

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
27701	PL-38	BERYLLIUM-AIR	09/03/98	298	1.746	520.308	09/08/98	<0.00002		<0.00005					A
27702	PL-39	LEAD-AIR	09/03/98	300	1.719	515.7	09/08/98				<1.0		<1.9		A
27702	PL-39	BERYLLIUM-AIR	09/03/98	300	1.719	515.7	09/08/98	<0.00002		<0.00005					A
27703	SPL-07	LEAD-AIR	09/03/98	305	1.671	509.655	09/08/98				<1.0		<2.0		A
27703	SPL-07	BERYLLIUM-AIR	09/03/98	305	1.671	509.655	09/08/98	<0.00002		<0.00005					A
27704	PL-40-BLANK	LEAD-AIR	09/03/98	N/A	N/A	N/A	09/08/98				<1.0		N/A		A
27704	PL-40-BLANK	BERYLLIUM-AIR	09/03/98	N/A	N/A	N/A	09/08/98	<0.00002		N/A					A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Daniel O. Wh[illegible] Date: 09/09/98

APPROVED: Mark R. Banister Date: 9/15/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
400 ch Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TERTS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/2/98	PL-33	1	0851	1700	489	1737	1706	1722	842		X	UW
"	PL-34	2	0855	1658	483	1729	1741	1735	838		X	DW-1
"	PL-35	3	0858	1703	485	1732	1755	1744	846		X	DW-2
"	PL-36											BLANK
"	SPL-06	4	0900	1700	480	1709	1700	1705	818	X		JOE JACEK - LOADER/PILE EMPLOYEE #957583
"	RD-38	5	0851	1700	489	1728	1740	1734	848		X	UW
"	RD-39	6	0855	1658	483	1725	1692	1709	825		X	DW-1
"	RD-40	7	0858	1703	485	1724	1687	1706	827		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Terts, IT/OHM, 9/3/98
   Received by Judy Strachler 9-4-98
2. Relinquished by Judy Strachler 9-4-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: SEE ABOVE ADDRESS

Invoice to: SEE ABOVE ADDRESS, ATTN: JOE GAIETTO

USX Engineers & Consultants, Inc.
40(ech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type MCE FILTER CASSETTES

Site Location 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date

Analysis Required 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/2/98	RD-41		:									BLANK
"	(42) SPR-06	8	0900	1700	480	1722	1702	1712	821	X		JON CARL - EXCAVATOR - EMPLOYEE # 957354

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 9/3/98
   Received by Judy Ahrehlen 9-4-98
2. Relinquished by Judy Ahrehlen 9-4-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: SEE ABOVE ADDRESS

Invoice to: SEE ABOVE ADDRESS, ATTN: JOE GAIETTO

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 16, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 14, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/15/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83709

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
28418	PL-41	LEAD-AIR	09/09/98	482	1.744	840.608	09/14/98				<1.0		<1.2		A
28418	PL-41	BERYLLIUM-AIR	09/09/98	482	1.744	840.608	09/14/98				<0.025		<0.030		A
28419	PL-42	LEAD-AIR	09/09/98	475	1.705	809.875	09/14/98				<1.0		<1.2		A
28419	PL-42	BERYLLIUM-AIR	09/09/98	475	1.705	809.875	09/14/98				<0.025		<0.031		A
28420	PL-43	LEAD-AIR	09/09/98	478	1.717	820.726	09/14/98				<1.0		<1.2		A
28420	PL-43	BERYLLIUM-AIR	09/09/98	478	1.717	820.726	09/14/98				<0.025		<0.031		A
28421	PL-44-BLANK	LEAD-AIR	09/09/98	N/A	N/A	N/A	09/14/98				<1.0		N/A		A
28421	PL-44-BLANK	BERYLLIUM-AIR	09/09/98	N/A	N/A	N/A	09/14/98				<0.025		N/A		A
28422	SPL-08	LEAD-AIR	09/09/98	480	1.736	833.28	09/14/98				<1.0		<1.2		A
28422	SPL-08	BERYLLIUM-AIR	09/09/98	480	1.736	833.28	09/14/98				<0.025		<0.030		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Daniel A. Wi Date: 09/15/98

APPROVED: Mark R. Banister Date: 9/16/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than.
= Information not requested by client. N/A = Not Applicable.
A - FILTER OR SINGLE STAGE MONITOR
B - TUBE
C - TUBE OR 2 STAGE MONITOR
D - BULK MATERIALS OR WIPES
E - LIQUIDS OR SOLIDS
I - FILTER + TUBE
J - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX E[illegible]neers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type MCE FILTER CASSETTES

Site Location 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date

Analysis Required 0600 (RD + SPR) + 7300 (PL + SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/9/98	PL-41	1	0850	1652	482	1750	1738	1744	840		X	UW
"	PL-42	2	0900	1655	475	1709	1701	1705	809.9		X	DW-1
"	PL-43	3	0905	1703	478	1733	1701	1717	820		X	DW-2
"	PL-44											BLANK
"	SPL-08	4	0845	1645	480	1743	1729	1736	833	X		GENE DUCKWORTH - DUST CONTROL - EMPLOYEE # 957644
"	RD-48	5	0850	1652	482	1730	1680	1705	821		X	UW
"	RD-49	6	0900	1655	475	1704	1657	1681	798		X	DW-1
"	RD-50	7	0905	1703	478	1744	1697	1721	822		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by [signature] IT/OHM, 9-9-98
   Received by [signature] 9-11-98
2. Relinquished by [signature] 9-14-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX E ıeers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847)473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD + SPR) + 7300 (PL + SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/9/98	(RD-51) SPR-08	8	0845	1645	480.	1709	1701	1705	818	X		JON. CARR - EXCAVATOR EMP# 957354
9/9/98	RD-52											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by [signature], IT/OHM, 9-9-98
   Received by [signature] 9-11-98
2. Relinquished by [signature] 9.14-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 16, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 11, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Eng ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/15/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83705

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
28387	PL-45	LEAD-AIR	09/10/98	490	1.728	846.72	09/14/98				<1.0		<1.2		A
28387	PL-45	BERYLLIUM-AIR	09/10/98	490	1.728	846.72	09/14/98				<0.025		<0.030		A
28388	PL-46	LEAD-AIR	09/10/98	479	1.719	823.401	09/14/98				<1.0		<1.2		A
28388	PL-46	BERYLLIUM-AIR	09/10/98	479	1.719	823.401	09/14/98				<0.025		<0.030		A
28389	PL-47	LEAD-AIR	09/10/98	482	1.729	833.378	09/14/98				<1.0		<1.2		A
28389	PL-47	BERYLLIUM-AIR	09/10/98	482	1.729	833.378	09/14/98				<0.025		<0.030		A
28390	PL-48-BLANK	LEAD-AIR	09/10/98	N/A	N/A	N/A	09/14/98				<1.0		N/A		A
28390	PL-48-BLANK	BERYLLIUM-AIR	09/10/98	N/A	N/A	N/A	09/14/98				<0.025		N/A		A
28391	SPL-09	LEAD-AIR	09/10/98	480	1.701	816.48	09/14/98				<1.0		<1.2		A
28391	SPL-09	BERYLLIUM-AIR	09/10/98	480	1.701	816.48	09/14/98				<0.025		<0.031		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : David A. Wil Date: 09/15/98

APPROVED: Mark R. Banister Date: 9/16/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX : neers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type MCE FILTER CASSETTES

Site Location 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date

Analysis Required 0600 (RD + SPR) + 7300 (PL + SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/10/98	PL-45	1	0855	1705	490.	1744	1711	1728	847		X	UPWIND
"	PL-46	2	0905	1706	479	1731	1707	1719	823		X	DOWNWIND
"	PL-47	3	0910	1712	482	1745	1712	1729	833		X	DOWNWIND
"	PL-48											BLANK
"	SPL-09	4	0915	1715	480	1704	1698	1701	816	X		JOHNNY HESTER - EXCAVATOR -
"	RD-53	5	0855	1705	490	1710	1711	1711	838		X	UPWIND
"	RD-54	6	0905	1706	479	1732	1682	1707	818		X	DOWNWIND
"	RD-55	7	0910	1712	482	1729	1730	1730	834		X	DOWNWIND

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 9/10/98
   Received by Jerry Strehler 9-11-98
2. Relinquished by Jerry Strehler 9-11-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX E neers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) & 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/10/98	RD-56											BLANK
"	(57) SPR-09	8	0920	1715	480	1730	1723	827		X		GENE DUCKWORTH - DUST CONTROL -

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 9/10/98
   Received by Jerry Strachler 9-11-98
2. Relinquished by Jerry Strachler 9-11-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 24, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 17, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83763

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
28848	PL-49	LEAD-AIR	09/16/98	475	1.748	830.3	09/21/98				<1.0		<1.2		A
28848	PL-49	BERYLLIUM-AIR	09/16/98	475	1.748	830.3	09/21/98				<0.025		<0.030		A
28849	PL-50	LEAD-AIR	09/16/98	480	1.727	828.96	09/21/98				<1.0		<1.2		A
28849	PL-50	BERYLLIUM-AIR	09/16/98	480	1.727	828.96	09/21/98				<0.025		<0.030		A
28850	PL-51	LEAD-AIR	09/16/98	478	1.695	810.21	09/21/98				<1.0		<1.2		A
28850	PL-51	BERYLLIUM-AIR	09/16/98	478	1.695	810.21	09/21/98				<0.025		<0.031		A
28851	PL-52-BLANK	LEAD-AIR	09/16/98	N/A	N/A	N/A	09/21/98				<1.0		N/A		A
28851	PL-52-BLANK	BERYLLIUM-AIR	09/16/98	N/A	N/A	N/A	09/21/98				<0.025		N/A		A
28852	SPL-10	LEAD-AIR	09/16/98	483	1.696	819.168	09/21/98				<1.0		<1.2		A
28852	SPL-10	BERYLLIUM-AIR	09/16/98	483	1.696	819.168	09/21/98				<0.025		<0.031		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Schantz Date: 09/23/98

APPROVED: Mark R. Banister Date: 9/25/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 9D892 IT/CHAN CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TERES

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/16/98	PL-49	1	0815	1610	475.	1743	1752	1748	830		X	UW
"	PL-50	2	0800	1600	480	1708	1745	1727	829		X	DW-1
"	PL-51	3	0805	1603	478	1716	1674	1695	810		X	DW-2
"	PL-52											BLANK
"	SPL-10	4	0820	1623	483	1706	1685	1696	819	X		GENE DUCKWORTH - TARPING TRUCKS - EMP# 957644
"	RD-58	5	0815	1610	475	1708	1684	1696	806		X	UW
"	RD-59	6	0800	1600	480	1725	1705	1715	823		X	DW-1
"	RD-60	7	0805	1603	478	1745	1680	1713	819		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teres, IT, 9/17/98
   Received by [illegible] 9.17.98
2. Relinquished by [illegible] 9-17-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 92D892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) & 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/16/98	RD-61											BLANK
"	SPR-10 (62)	8	0815	1618	483	1717	1709	1713	827	X		TOMMY HESTER - EXCAVATOR EMP.# 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT, 9/17/98
   Received by [illegible] 9-17-98
2. Relinquished by [illegible] 9-17-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

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Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 24, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/22/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83808

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
29085	PL-53	LEAD-AIR	09/17/98	560	1.707	955.92	09/21/98				<1.0		<1.1		A
29085	PL-53	BERYLLIUM-AIR	09/17/98	560	1.707	955.92	09/21/98				<0.025		<0.026		A
29086	PL-54	LEAD-AIR	09/17/98	557	1.728	962.496	09/21/98				<1.0		<1.0		A
29086	PL-54	BERYLLIUM-AIR	09/17/98	557	1.728	962.496	09/21/98				<0.025		<0.026		A
29087	PL-55	LEAD-AIR	09/17/98	558	1.744	973.152	09/21/98				<1.0		<1.0		A
29087	PL-55	BERYLLIUM-AIR	09/17/98	558	1.744	973.152	09/21/98				<0.025		<0.026		A
29088	PL-56-BLANK	LEAD-AIR	09/17/98	N/A	N/A	N/A	09/21/98				<1.0		N/A		A
29088	PL-56-BLANK	BERYLLIUM-AIR	09/17/98	N/A	N/A	N/A	09/21/98				<0.025		N/A		A
29089	SPL-11	LEAD-AIR	09/17/98	525	1.731	908.775	09/21/98				<1.0		<1.1		A
29089	SPL-11	BERYLLIUM-AIR	09/17/98	525	1.731	908.775	09/21/98				<0.025		<0.028		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharterby Date: 09/23/98

APPROVED: Mark R. Banister Date: 9/25/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 980892 IT/CORP CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1140 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/17/98	PL-53	1	0820	1740	560.	1702	1711	1707	956		X	UW-1
"	PL-54	2	0825	1742	557	1708	1748	1728	962		X	DW-1
"	PL-55	3	0827	1745	558	1720	1762	1744	973		X	DW-2
"	PL-56											BLANK
"	SPL-11	4	0835	1720	525	1737	1725	1731	909	X		MIKE HAASE - DUMP TRUCK EMP.# 958045 HAZ. MATERIAL
"	RD-63	5	0820	1740	560	1720	1734	1727	967		X	UW
"	RD-64	6	0825	1742	557	1725	1687	1706	950		X	DW-1
"	RD-65	7	0827	1745	558	1721	1762	1742	972		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT Corp, 9-17-98
   Received by Judy Strehler 9-21-98
2. Relinquished by Judy Strehler 9-21-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 9ZD 892 IT/OHM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTES

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (PD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/17/98	RD-66											BLANK
"	(RD-67) SPR-011	8	0835	1720	525	1718	1727	1723	904	X		JOHNNY HESTER - EXCAVATOR EMP# 957803 HAZ. MATERIAL

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT Corp, 9-17-98
   Received by Judy Strehler 9-21-98
2. Relinquished by Judy Strehler 9-21-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

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4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 24, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engin. rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/24/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83806

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
29072	PL-57	LEAD-AIR	09/18/98	420	1.684	707.28	09/21/98				<1.0		<1.4		A
29072	PL-57	BERYLLIUM-AIR	09/18/98	420	1.684	707.28	09/21/98				<0.025		<0.035		A
29073	PL-58	LEAD-AIR	09/18/98	435	1.7	739.5	09/21/98				<1.0		<1.4		A
29073	PL-58	BERYLLIUM-AIR	09/18/98	435	1.7	739.5	09/21/98				<0.025		<0.034		A
29074	PL-59	LEAD-AIR	09/18/98	425	1.724	732.7	09/21/98				<1.0		<1.4		A
29074	PL-59	BERYLLIUM-AIR	09/18/98	425	1.724	732.7	09/21/98				<0.025		<0.034		A
29075	PL-60-BLANK	LEAD-AIR	09/18/98	N/A	N/A	N/A	09/21/98				<1.0		N/A		A
29075	PL-60-BLANK	BERYLLIUM-AIR	09/18/98	N/A	N/A	N/A	09/21/98				<0.025		N/A		A
29076	SPL-12	LEAD-AIR	09/18/98	425	1.689	717.825	09/21/98				<1.0		<1.4		A
29076	SPL-12	BERYLLIUM-AIR	09/18/98	425	1.689	717.825	09/21/98				<0.025		<0.035		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharteby Date: 09/24/98

APPROVED: Mark R. Banister Date: 9/25/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847)473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/13/98	PL-57	1	0900 ~~0840~~	1600	420	1695	1673	1684	707		X	UW
"	PL-58	2	0840 ~~0900~~	1655	435	1710	1691	1700	739		X	DW-1
"	PL-59	3	0910	1715	425	1718	1729	1724	732		X	DW-2
"	PL-60											BLANK
"	SPL-12	4	0915	1620	425	1705	1672	1689	718	X		VINCENT MORALES - DUST CONTROL - EMP# 957616 - EAST SIDE OF CREEK
"	RD-68	5	0900 ~~0840~~	1600	420	1710	1738	1724	724		X	UW
"	RD-69	6	0840 ~~0900~~	1655	435	1715	1702	1709	743		X	DW-1
"	RD-70	7	0910	1715	425	1714	1682	1698	722		X	DW-2

NOTE: TIMES ARE EDT

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT Corp, 9/18/98
   Received by Judy Strehler 9-21-98
2. Relinquished by Judy Strehler 9-21-98
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(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 IT/OHM CORP (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TREETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD + SPR) & 7300 (PL + SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/18/98	RD-71											BLANK
"	(RD-72) SPR-12	8	0915	1620	425	1725	1649	1707	725	X		JOHNNY HESTER - EXCAVATOR - EMP.# 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd Treets, IT Corp, 9/18/98
   Received by Judy Strehler 9-21-98
2. Relinquished by Judy Strehler 9-21-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 29, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 22, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/26/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83832

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
29242	PL-61	LEAD-AIR	09/21/98	461	1.737	800.757	09/26/98				<1.0		<1.2		A
29242	PL-61	BERYLLIUM-AIR	09/21/98	461	1.737	800.757	09/26/98				<0.025		<0.031		A
29243	PL-62	LEAD-AIR	09/21/98	466	1.741	811.306	09/26/98				<1.0		<1.2		A
29243	PL-62	BERYLLIUM-AIR	09/21/98	466	1.741	811.306	09/26/98				<0.025		<0.031		A
29244	PL-63	LEAD-AIR	09/21/98	446	1.739	775.594	09/26/98				<1.0		<1.3		A
29244	PL-63	BERYLLIUM-AIR	09/21/98	446	1.739	775.594	09/26/98				<0.025		<0.032		A
29245	PL-64-BLANK	LEAD-AIR	09/21/98	N/A	N/A	N/A	09/26/98				<1.0		N/A		A
29245	PL-64-BLANK	BERYLLIUM-AIR	09/21/98	N/A	N/A	N/A	09/26/98				<0.025		N/A		A
29246	SPL-13	LEAD-AIR	09/21/98	450	1.755	789.75	09/26/98				<1.0		<1.3		A
29246	SPL-13	BERYLLIUM-AIR	09/21/98	450	1.755	789.75	09/26/98				<0.025		<0.032		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharton Date: 09/28/98

APPROVED: Mark R. Banister Date: 9/29/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/JAM CORP. (847) 473-1694 1697 (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/21/98	PL-61	1	0850	1629	461	1712	1762	1737	800		X	UW NORTH FENCE
"	PL-62	2	0830	1616	466	1717	1765	1741	811		X	DW-1 EAST FENCE
"	PL-63	3	0845	1559	446	1707	1770	1739	775		X	DW-2 SOUTH FENCE
"	PL-64											BLANK
"	SPL-13	4	0855	1625	450	1732	1778	1755	790	X		VINCENT MORALES - DUMP TRUCK EMP. # 957614
"	RD-73	5	0850	1629	461	1713	1761	1737	800		X	UW NORTH FENCE
"	RD-74	6	0830	1616	466	1735	1827	1781	830		X	DW-1 EAST FENCE
"	RD-75	7	0845	1559	446	1722	1810	1766	787		X	DW-2 SOUTH FENCE

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT, 9/21/98
   Received by Judy Strehler 9-22-98
2. Relinquished by Judy Strehler 9-22-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP (847) 473-1694 1697 (FAX

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type MCE FILTER CASSETTE

Site Location 1120 MLK JR. DRIVE, NORTH CHICAGO, IL. 60064

Delivery Date

Analysis Required NIOSH 0600 (PD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/21/98	PD-76											BLANK
"	SPR-13	6	0855	1625	450	1716	1760	1734	782	X		JOHNNY HESTER - EXCAVATOR - EMP.# 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by [illegible], IT, 9/21/98
   Received by [illegible] 9-22-98
2. Relinquished by [illegible] 9-22-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final R t to: _____ **Invo :** _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

September 29, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 23, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/26/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83852

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
29355	PL-65	LEAD-AIR	09/22/98	435	1.711	744.285	09/26/98				<1.0		<1.3		A
29355	PL-65	BERYLLIUM-AIR	09/22/98	435	1.711	744.285	09/26/98				<0.025		<0.034		A
29356	PL-66	LEAD-AIR	09/22/98	438	1.713	750.294	09/26/98				<1.0		<1.3		A
29356	PL-66	BERYLLIUM-AIR	09/22/98	438	1.713	750.294	09/26/98				<0.025		<0.033		A
29357	PL-67	LEAD-AIR	09/22/98	430	1.709	734.87	09/26/98				<1.0		<1.4		A
29357	PL-67	BERYLLIUM-AIR	09/22/98	430	1.709	734.87	09/26/98				<0.025		<0.034		A
29358	PL-68-BLANK	LEAD-AIR	09/22/98	N/A	N/A	N/A	09/26/98				<1.0		N/A		A
29358	PL-68-BLANK	BERYLLIUM-AIR	09/22/98	N/A	N/A	N/A	09/26/98				<0.025		N/A		A
29359	SPL-14	LEAD-AIR	09/22/98	420	1.717	721.14	09/26/98				<1.0		<1.4		A
29359	SPL-14	BERYLLIUM-AIR	09/22/98	420	1.717	721.14	09/26/98				<0.025		<0.035		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharton Date: 09/28/98

APPROVED: Mark R. Banister Date: 9/29/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP. (847) 473-1694 (1697) (FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/22/98	PL-65	1	0800	1515	435	1704	1718	1711	744		X	UW
"	PL-66	2	0810	1528	438	1710	1716	1713	750		X	DW-1
"	PL-67	3	0750	1500	430	1702	1716	1709	735		X	DW-2
"	PL-68											BLANK
"	SPL-14	4	0815	1515	420	1701	1732	1717	721	X		
"	RD-77	5	0800	1515	435	1714	1732	1723	749		X	UW
"	RD-78	6	0810	1528	438	1698	1718	1708	748		X	DW-1
"	RD-79	7	0750	1500	430	1713	1717	1715	737		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT, 9/22/98
   Received by Cindy Strehler 9-23-98
2. Relinquished by Cindy Strehler 9-23-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/JOHN CARR (847)473-1694 1697(FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required:

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/22/98	FCD-80 (SD)											BLANK
"	SPR-14	8	0815	1515	420	1704	1714	1709	718	X		JON. CARR - FRONT END LOADER - EMP. # 957354

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by [illegible], IT, 9/23/98
   Received by [illegible] 9-23-98
2. Relinquished by [illegible] 9-23-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 2, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on September 28, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 09/29/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 83939

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
29735	PL-69	LEAD-AIR	09/25/98	470	1.707	802.29	09/29/98				<1.0		<1.2		A
29735	PL-69	BERYLLIUM-AIR	09/25/98	470	1.707	802.29	09/29/98				<0.025		<0.031		A
29736	PL-70	LEAD-AIR	09/25/98	470	1.686	792.42	09/29/98				<1.0		<1.3		A
29736	PL-70	BERYLLIUM-AIR	09/25/98	470	1.686	792.42	09/29/98				<0.025		<0.032		A
29737	PL-71	LEAD-AIR	09/25/98	470	1.718	807.46	09/29/98				<1.0		<1.2		A
29737	PL-71	BERYLLIUM-AIR	09/25/98	470	1.718	807.46	09/29/98				<0.025		<0.031		A
29738	PL-72-BLANK	LEAD-AIR	09/25/98	N/A	N/A	N/A	09/29/98				<1.0		N/A		A
29738	PL-72-BLANK	BERYLLIUM-AIR	09/25/98	N/A	N/A	N/A	09/29/98				<0.025		N/A		A
29739	SPL-15	LEAD-AIR	09/25/98	475	1.701	807.975	09/29/98				<1.0		<1.2		A
29739	SPL-15	BERYLLIUM-AIR	09/25/98	475	1.701	807.975	09/29/98				<0.025		<0.031		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharteaby Date: 09/29/98

APPROVED: Mark R. Banister Date: 10/5/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM Corp. (847) 473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/25/98	PL-69	1	~~0810~~ 0805	1555	470	1713	1701	1707	802		X	
"	PL-70	2	0815	1605	470	1712	1660	1686	792		X	
"	PL-71	3	0820	1610	470	1713	1723	1718	807		X	
"	PL-72											BLANK
"	SPL-15	4	0830	1625	475	1720	1682	1701	808	X		GARRY HENSON - DUMP TRUCK EMP.#
"	RD-82	5	0805	1555	470	1708	1702	1705	801		X	
"	RD-83	6	0815	1605	470	1700	1689	1695	796		X	
"	RD-84	7	0820	1610	470	1712	1613	1663	781		X	

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT Corp, 9/25/98
   Received by Judy Strehlen 9-28-98
2. Relinquished by Judy Strehlen 9-28-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 92D892 IT/OHM CORP. (847) 473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
9/25/98	RD-85											BLANK
"	SPR-15	8	0830	1625	475	1701	1667	1684	800	X		JOHNNY WESTER - EXCAVATOR - EMP.#957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT Corp, 9/25/98
   Received by _____
2. Relinquished by _____
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 20, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 14, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engin..rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/16/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84149

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
31275	PL-73	LEAD-AIR	10/13/98	455	1.766	803.53	10/16/98				<1.0		<1.2		A
31275	PL-73	BERYLLIUM-AIR	10/13/98	455	1.766	803.53	10/16/98				<0.025		<0.031		A
31276	PL-74	LEAD-AIR	10/13/98	456	1.742	794.352	10/16/98				<1.0		<1.3		A
31276	PL-74	BERYLLIUM-AIR	10/13/98	456	1.742	794.352	10/16/98				<0.025		<0.031		A
31277	PL-75	LEAD-AIR	10/13/98	456	1.732	789.792	10/16/98				<1.0		<1.3		A
31277	PL-75	BERYLLIUM-AIR	10/13/98	456	1.732	789.792	10/16/98				<0.025		<0.032		A
31278	PL-76-BLANK	LEAD-AIR	10/13/98	N/A	N/A	N/A	10/16/98				<1.0		N/A		A
31278	PL-76-BLANK	BERYLLIUM-AIR	10/13/98	N/A	N/A	N/A	10/16/98				<0.025		N/A		A
31279	SPL-16	LEAD-AIR	10/13/98	458	1.762	806.996	10/16/98				<1.0		<1.2		A
31279	SPL-16	BERYLLIUM-AIR	10/13/98	458	1.762	806.996	10/16/98				<0.025		<0.031		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Lehartzeaby Date: 10/16/98

APPROVED: Mark R Banister Date: 10/20/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM Corp. (847) 473-1694 (1697 FAX)

Sampler's Name: Todd D. Teets

Project Name: Vacant Lot Site - Vulcan Louisville Smelting Site

Sample Type: MCE Filter Cassette

Site Location: 1120 MLK Jr. Drive, North Chicago, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/13/94	PL-73	1	0845	1620	455	1721	1810	1766	803		X	UW
"	PL-74	2	0840	1616	456	1708	1775	1742	794		X	DW-1
"	PL-75	3	0855	1631	456	1707	1757	1732	789.8		X	DW-2
"	PL-76											BLANK
"	SPL-16	4	0905	1643	458	1724	1800	1762	806.9	X		VINCENT MORALES - FORKLIFT EMP.# 957616
"	RD-87	5	0845	1620	455	1708	1752	1730	787		X	UW
"	RD-88	6	0840	1616	456	1707	1703	1705	777		X	DW-1
"	RD-89	7	0855	1631	456	1708	1710	1709	779		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM
   Received by Judy Strehler 10-14-94
2. Relinquished by Judy Strehler 10-14-94
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 USX/USM Corp. (847) 473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD & SPR) + 7300 (PL & SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/13/98	RD-90											BLANK
10/13/98	SPR-16	6	0905	1643	458	1730	1733	1732	793	X		JOHNNY HESTER - STABILIZATION EMP. # 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets USX/USM
   Received by Judy Strehler 10-14-98
2. Relinquished by Judy Strehler 10-14-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 26, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 19, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/21/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE

TRACKING NUMBER: 84194

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
31685	PL-77	LEAD-AIR	10/15/98	483	1.729	835.107	10/20/98				<1.0		<1.2		A
31685	PL-77	BERYLLIUM-AIR	10/15/98	483	1.729	835.107	10/20/98				<0.025		<0.030		A
31686	PL-78	LEAD-AIR	10/15/98	480	1.725	828.	10/20/98				<1.0		<1.2		A
31686	PL-78	BERYLLIUM-AIR	10/15/98	480	1.725	828.	10/20/98				<0.025		<0.030		A
31687	PL-79	LEAD-AIR	10/15/98	488	1.737	847.656	10/20/98				<1.0		<1.2		A
31687	PL-79	BERYLLIUM-AIR	10/15/98	488	1.737	847.656	10/20/98				<0.025		<0.029		A
31688	PL-80-BLANK	LEAD-AIR	10/15/98	*	*	N/A	10/20/98				<1.0		N/A		A
31688	PL-80-BLANK	BERYLLIUM-AIR	10/15/98	*	*	N/A	10/20/98				<0.025		N/A		A
31689	SPL-17	LEAD-AIR	10/15/98	490	1.723	844.27	10/20/98				<1.0		<1.2		A
31689	SPL-17	BERYLLIUM-AIR	10/15/98	490	1.723	844.27	10/20/98				<0.025		<0.030		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharteaby Date: 10/21/98

APPROVED: Mark R Banister Date: 10/26/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 92D892 IT/OHM CORP. (847) 473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/15/98	PL-77	1	0850	1653	483	1703	1754	1729	834.9		X	
"	PL-78	2	0900	1700	480	1716	1734	1725	828		X	
"	PL-79	3	0905	1713	488	1707	1766	1737	847		X	
"	PL-80											BLANK
"	SPL-17	4	0915	1725	490	1705	1740	1723	844	X		GENE DUCKWORTH - DUST CONTROL STAB. BRIDGE PILE EMP# 957644
"	RD-91	5	0850	1653	483	1700	1717	1709	825		X	
"	RD-92	6	0900	1700	480	1733	1796	1765	847		X	
"	RD-93	7	0905	1713	488	1716	1733	1725	841		X	

MET

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 10/15/98
   Received by Nick Harner 10/19/98
2. Relinquished by Nick Harner 10/19/98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No.: 920892 IT/OHM Corp. (847) 473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) & 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/15/98	RD-94											BLANK
"	SPR-17	6	0915	1725	490	1723	1749	1736	850	X		JOHNNY KESTER - EXCAVATOR STAB. BRIDGE PILE EMP# 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM 10/15/98
   Received by Nick Gorm 10/19/98
2. Relinquished by Nick Gorm 10/19/98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 26, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 19, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi..ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/21/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE

TRACKING NUMBER: 84195

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
31695	PL-81	LEAD-AIR	10/16/98	490	1.684	825.16	10/20/98				<1.0		<1.2		A
31695	PL-81	BERYLLIUM-AIR	10/16/98	490	1.684	825.16	10/20/98				<0.025		<0.030		A
31696	PL-82	LEAD-AIR	10/16/98	486	1.725	838.35	10/20/98				<1.0		<1.2		A
31696	PL-82	BERYLLIUM-AIR	10/16/98	486	1.725	838.35	10/20/98				<0.025		<0.030		A
31697	PL-83	LEAD-AIR	10/16/98	482	1.675	807.35	10/20/98				<1.0		<1.2		A
31697	PL-83	BERYLLIUM-AIR	10/16/98	482	1.675	807.35	10/20/98				<0.025		<0.031		A
31698	PL-84-BLANK	LEAD-AIR	10/16/98	*	*	N/A	10/20/98				<1.0		N/A		A
31698	PL-84-BLANK	BERYLLIUM-AIR	10/16/98	*	*	N/A	10/20/98				<0.025		N/A		A
31699	SPL-18	LEAD-AIR	10/16/98	476	1.681	800.156	10/20/98				<1.0		<1.2		A
31699	SPL-18	BERYLLIUM-AIR	10/16/98	476	1.681	800.156	10/20/98				<0.025		<0.031		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharton Date: 10/21/98

APPROVED: Mark R. Banister Date: 10/26/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

ATTN: MICH E TRUZIAK

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM CORP (847) 473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD+SPL) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/16/98	PL-81	1	0840	1650	490	1690	1677	1684	833		X	
"	PL-82	2	0900	1706	486	1702	1747	1725	826		X	
"	PL-83	3	0905	1707	482	1695	1655	1675	819.		X	
"	PL-84	.			~~476~~							BLANK
"	SPL-18	4	0910	1706	476	1682	1680	1681	809	X		Gene Duckworth - Dust Control Stab. Bridge Pile Emp# 957644
"	RD-95	5	0840	1650	490	1689	1674	1682	833		X	
"	RD-96	6	0900	1706	486	1695	1669	1682	826		X	
"	RD-97	7	0905	1707	483	1693	1693	1693	821		X	

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Alicia Hanchion, IT, 10/16/98, 1800
   Received by Nick [illegible] 10/19/98
2. Relinquished by Nick [illegible] 10/19/98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 98D892 IT/OHM CORP. (847) 473-1694 (1697 FAX)

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SHREDDING SITE

Sample Type MCE FILTER CASSETTE

Site Location 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date

Analysis Required 0600 (PD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/16/98	PD-94	A	~~0910~~									BLANK
"	SPR-18	6	0910	1706	476	1693	1672	1683	809			John Carr - Excavator Stab. Bridge Pile Emp# 957354

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Alicia Jackson, IT, 10/16/98, 1800

   Received by _____

2. Relinquished by _____

   Received by _____

3. Relinquished by _____

   Received by _____

4. Relinquished by _____

   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 27, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engi. ers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/26/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84224

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
31903	PL-85	LEAD-AIR	10/19/98	490	1.7	833.	10/23/98				<1.0		<1.2		A
31903	PL-85	BERYLLIUM-AIR	10/19/98	490	1.7	833.	10/23/98				<0.025		<0.030		A
31904	PL-86	LEAD-AIR	10/19/98	428	1.7	727.6	10/23/98				<1.0		<1.4		A
31904	PL-86	BERYLLIUM-AIR	10/19/98	428	1.7	727.6	10/23/98				<0.025		<0.034		A
31905	PL-87	LEAD-AIR	10/19/98	478	1.7	812.6	10/23/98				<1.0		<1.2		A
31905	PL-87	BERYLLIUM-AIR	10/19/98	478	1.7	812.6	10/23/98				<0.025		<0.031		A
31906	PL-88-BLANK	LEAD-AIR	10/19/98	N/A	N/A	N/A	10/23/98				<1.0		N/A		A
31906	PL-88-BLANK	BERYLLIUM-AIR	10/19/98	N/A	N/A	N/A	10/23/98				<0.025		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 10/26/98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM Corp (847) 473-1694 (1697) fax

Sampler's Name: Alicia Vandisin

Project Name: Vacant Lot Site - Vulcan Louisville Smelting Site

Sample Type: MCE Cassette

Site Location: 1120 Martin Luther King Jr Dr. North Chicago, IL 60064

Delivery Date:

Analysis Required: 7600 (RPD SPR) & 7300 (PL-SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10-19-98	PL-85	1	0805	1615	490	1733	1706	1.7	833		X	Upwind E. Fence
	PL-86	2	0810	1514	428	1754	1780	1.7	728	X		Jon Carr #951354 (Pump Faulted) Stabilizing Soil & Excavating Soil
	PL-87	3	0815	1613	478	1662	1683	1.7	813		X	N. Fence DW #2
	PL-88											Blank
	~~SPL-19~~	~~4~~	~~0820~~	~~—~~	~~—~~	~~1715~~						~~No recal (Pump Faulted time unknown)~~ ~~E. Fence DW #1~~ VOID 10/20/98 TD
	RD-99	5	0820	1620	480	1740	1641	1.7	816		X	E. Fence DW #2
	~~RD-100~~	~~6~~	~~0805~~	~~1211~~	~~246~~	~~1695~~					X	~~No Recal. (Batt.) (Pump Faulted) Upwind E. Fence (after 243 min.)~~ VOID 10/20/98 TT
↓	RD-101	7	0815	1613	478	1718	2594	2.2	1052		X	N. Fence DW #2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Alicia Vandisin IT, 10/19/98, 1715
   Received by Judy Stechler 10-21-98
2. Relinquished by Judy Stechler 10-21-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM Corp (847) 473-1694 1697-fax

Sampler's Name Alicia Yanchisin

Project Name Vacant Lot Site - Vulcan Louisville Smelting Site

Sample Type MCE Cassette

Site Location 1120 Martin Luther King Jr Dr. N. Chicago IL 60064

Delivery Date

Analysis Required 0600 (RDN SPR) & 7300 (PL-SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/19/98	RD-102											BLANK
↓	SPR-19	8	0810	1605	475	1726	2597	2.1L	998	X		Gene Duckworth # 957644 Dust Suppression

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Alicia Yanchisin IT, 10/19/98, 1715.
   Received by Judy Stehlen 10-21-98
2. Relinquished by Judy Stehlen 10-21-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 27, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 21, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engineers & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/26/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84223

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
31895	PL-89	LEAD-AIR	10/20/98	456	1.706	777.936	10/23/98				<1.0		<1.3		A
31895	PL-89	BERYLLIUM-AIR	10/20/98	456	1.706	777.936	10/23/98				<0.025		<0.032		A
31896	PL-90	LEAD-AIR	10/20/98	452	1.715	775.18	10/23/98				<1.0		<1.3		A
31896	PL-90	BERYLLIUM-AIR	10/20/98	452	1.715	775.18	10/23/98				<0.025		<0.032		A
31897	PL-91	LEAD-AIR	10/20/98	450	1.716	772.2	10/23/98				<1.0		<1.3		A
31897	PL-91	BERYLLIUM-AIR	10/20/98	450	1.716	772.2	10/23/98				<0.025		<0.032		A
31898	PL-92-BLANK	LEAD-AIR	10/20/98	N/A	N/A	N/A	10/23/98				<1.0		N/A		A
31898	PL-92-BLANK	BERYLLIUM-AIR	10/20/98	N/A	N/A	N/A	10/23/98				<0.025		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 10/26/98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 92D892 IT/OHM Corp. 847-473-1694 (1697 FAX)

Sampler's Name: Todd D. Teets

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER

Site Location: 1120 MLK JR DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (ET+SPR) & 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/20/98	PL-89	1	0920	1656	456	1693	1718	1706	774		X	UW
	PL-90	2	0940	1712	452	1706	1724	1715	775		X	DW-1
	PL-91	3	0945	1715	450	1708	1723	1716	772		X	DW-2
	PL-92											BLANK
	RD-103	5	0920	1656	456	1696	1688	1692	771		X	UW
	RD-104	7	0940	1712	452	1699	1717	1708	772		X	DW-1
	RD-105	8	0945	1715	450	1701	1739	1720	774		X	DW-2
	RD-106											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 10/20/98
   Received by Judy Strehler 10-21-98
2. Relinquished by Judy Strehler 10-21-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 28, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 23, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engin..rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84250

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
32071	PL-93	LEAD-AIR	10/21/98	420	1.721	722.82	10/27/98				<1.0		<1.4		A
32071	PL-93	BERYLLIUM-AIR	10/21/98	420	1.721	722.82	10/27/98				<0.025		<0.035		A
32072	PL-94	LEAD-AIR	10/21/98	419	1.715	718.585	10/27/98				<1.0		<1.4		A
32072	PL-94	BERYLLIUM-AIR	10/21/98	419	1.715	718.585	10/27/98				<0.025		<0.035		A
32073	PL-95	LEAD-AIR	10/21/98	420	1.719	721.98	10/27/98				<1.0		<1.4		A
32073	PL-95	BERYLLIUM-AIR	10/21/98	420	1.719	721.98	10/27/98				<0.025		<0.035		A
32074	PL-96-BLANK	LEAD-AIR	10/21/98	N/A	N/A	N/A	10/27/98				<1.0		N/A		A
32074	PL-96-BLANK	BERYLLIUM-AIR	10/21/98	N/A	N/A	N/A	10/27/98				<0.025		N/A		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharterby Date: 10/28/98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/CAM CORP. (847)473-1694 (1697 FAX)

Sampler's Name TODD D. TEETS

Project Name VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type MCE FILTER CASSETTE

Site Location 1120 MARTIN LUTHER KING JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date

Analysis Required 0600 (RD) & 7300 (PL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/21/98	PL-93	1	0950		420	1670	1772	1721	723		X	UW
	PL-94	2	0930		419	1692	1738	1715	718		X	DW-1
	PL-95	3	0935		420	1696	1742	1719	722		X	DW-2
	PL-96											BLANK
	RD-107	5	0950		420	1685	1729	1707	717		X	UW
	RD-108	7	0930		419	1693	1693	1693	709		X	DW-1
	RD-109	8	0935		420	1703	1687	1695	712		X	DW-2
	RD-110											BLANK

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/CAM, 10-21-98
   Received by Judy Stehler 10-23-98
2. Relinquished by Judy Stehler 10-23-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

4000 Tech Center Drive
Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 28, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 23, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R. Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engin[illegible]s & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84251

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
32079	PL-97	LEAD-AIR	10/22/98	423	1.696	717.408	10/27/98				<1.0		<1.4		A
32079	PL-97	BERYLLIUM-AIR	10/22/98	423	1.696	717.408	10/27/98				<0.025		<0.035		A
32080	PL-98	LEAD-AIR	10/22/98	429	1.688	724.152	10/27/98				<1.0		<1.4		A
32080	PL-98	BERYLLIUM-AIR	10/22/98	429	1.688	724.152	10/27/98				<0.025		<0.035		A
32081	PL-99	LEAD-AIR	10/22/98	442	1.706	754.052	10/27/98				<1.0		<1.3		A
32081	PL-99	BERYLLIUM-AIR	10/22/98	442	1.706	754.052	10/27/98				<0.025		<0.033		A
32082	PL-100-BLANK	LEAD-AIR	10/22/98	N/A	N/A	N/A	10/27/98				<1.0		N/A		A
32082	PL-100-BLANK	BERYLLIUM-AIR	10/22/98	N/A	N/A	N/A	10/27/98				<0.025		N/A		A
32083	SPL-19	LEAD-AIR	10/22/98	438	1.698	743.724	10/27/98				<1.0		<1.3		A
32083	SPL-19	BERYLLIUM-AIR	10/22/98	438	1.698	743.724	10/27/98				<0.025		<0.034		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Wharfenby Date: 10/28/98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920897 IT/DHM Corp 847-473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL. 60064

Delivery Date:

Analysis Required: 0600 (RD+SPL) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/22/98	PL-97	1	0945	1648	423	1687	1704	1696	717		X	UW
	PL-98	2	0940	1649	429	1675	1700	1688	724		X	DW-1
	PL-99	3	0950	1712	442	1679	1732	1706	754		X	DW-2
	PL-100											BLANK
	SPL-19	4	0955	1713	438	1679	1716	1698	743	X		JOHNNY HESTER - EXCAVATING CREEK EMP.# 957803
	RD-111	5	0950	1648	423	1704	1774	1739	735		X	UW
	RD-112	6	0940	1649	429	1703	1808	1756	753		X	DW-1
	RD-113	7	0945	1712	442	1704	1756	1730	765		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by [signature], IT/DHM, 10-22-98.
   Received by [signature] 10-23-98
2. Relinquished by [signature] 10-23-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 920892 IT/OHM Corp. 847-473-1694 (1697 FAX)

Sampler's Name: TODD D. TEETS

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1122 MLK-JR. DRIVE, NORTH CHICAGO, IL. 60064

Delivery Date:

Analysis Required: 0600 (RD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/22/98	RD-114											BLANK
10/22/98	SPR-2C	8	0955	1713	438	1694	1741	1719	752	X		JOHNNY HESTER-EXCAVATING CREEK EMP.# 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 10-22-98
   Received by Judy Strehler 10-23-98
2. Relinquished by Judy Strehler 10-23-98
   Received by _____
3. Relinquished by _____
   Received by _____
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Invoice to: _____

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Monroeville, PA 15146
412 825 2400
Fax: 412 825 2407

IH & Environmental
Health Laboratory

UEC
USX Engineers
& Consultants, Inc.

October 28, 1998

IT Corporation
ATTN: Todd Teets
1120 Martin Luther King Dr.
North Chicago, IL 60064

Attached are the analytical result(s) of the analysis on sample(s) submitted to the UEC Laboratories on October 26, 1998. Should you have any questions regarding this report, please contact us. An invoice will be issued shortly.

These results are submitted persuant to USX Engineers & Consultants, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions, and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

The results were derived with the following methods and limits of detection.

ANALYTE	METHOD	LOD
LEAD-AIR	NIOSH-7300	1.0 µg
BERYLLIUM-AIR	NIOSH-7300	0.025 µg

We appreciate the opportunity to be of service and look forward to our continued assistance to you.

NOTE: Samples will be stored for only one month following the report date.

Sincerely,

Mark R Banister

Mark R. Banister, CIH, Quality Assurance Officer

Enclosures

USX Engin. .rs & Consultants Inc.
IH & Environmental Laboratories
4000 Tech Center Drive
Monroeville, PA 15146
PHONE: (412)825-2400 FAX: (412)825-2407
AIHA Accreditation #322

REPORT OF TEST RESULTS

DATE - 10/28/1998

Customer: CD-448B	ATTENTION: Todd Teets
IT Corporation 1120 Martin Luther King Dr. North Chicago, IL 60064	Work Requested by : Todd Teets Phone No. : 847-473-1693 CUSTOMER P.O. # : 920892 SITE LOCATION : VACANT LOT SITE-VULCAN LOUISVILLE SMEL

TRACKING NUMBER: 84273

UEC ID	CLIENT ID	ANALYTE	DATE SAMPLED	SAMPLE TIME (min)	PUMP RATE (LPM)	AIR VOL. SAMPLED (L)	ANALYSIS DATE	TOTAL mg	PPM	mg/m3	TOTAL µg	PPB	µg/m3	TWA µg/m3	
32180	PL-101	LEAD-AIR	10/23/98	420	1.744	732.48	10/27/98				<1.0		<1.4		A
32180	PL-101	BERYLLIUM-AIR	10/23/98	420	1.744	732.48	10/27/98				<0.025		<0.034		A
32181	PL-102	LEAD-AIR	10/23/98	420	1.71	718.2	10/27/98				<1.0		<1.4		A
32181	PL-102	BERYLLIUM-AIR	10/23/98	420	1.71	718.2	10/27/98				<0.025		<0.035		A
32182	PL-103	LEAD-AIR	10/23/98	421	1.685	709.385	10/27/98				<1.0		<1.4		A
32182	PL-103	BERYLLIUM-AIR	10/23/98	421	1.685	709.385	10/27/98				<0.025		<0.035		A
32183	PL-104-BLANK	LEAD-AIR	10/23/98	N/A	N/A	N/A	10/27/98				<1.0		N/A		A
32183	PL-104-BLANK	BERYLLIUM-AIR	10/23/98	N/A	N/A	N/A	10/27/98				<0.025		N/A		A
32184	SPL-20	LEAD-AIR	10/23/98	423	1.711	723.753	10/27/98				<1.0		<1.4		A
32184	SPL-20	BERYLLIUM-AIR	10/23/98	423	1.711	723.753	10/27/98				<0.025		<0.035		A

COMMENTS: RESULTS ARE BLANK CORRECTED.

ANALYST : Richard A. Whartenby Date: 10/28/98

APPROVED: Mark R. Banister Date: 10/28/98

Mark R. Banister, CIH, Quality Assurance Officer

NOTES: * = Information not supplied by client. < = less than. A - FILTER OR SINGLE STAGE MONITOR C - TUBE OR 2 STAGE MONITOR E - LIQUIDS OR SOLIDS J - FILTER + TUBE
= Information not requested by client. N/A = Not Applicable. B - TUBE D - BULK MATERIALS OR WIPES I - FILTER + TUBE
Time, flow rate and/or sample volume data are based on client supplied information, unless otherwise noted.

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 990892 IT/CAM Corp. (847) 473-1694 (1697 FAX)

Sampler's Name: Todd D. Teets

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE North Chicago IL 60064

Delivery Date:

Analysis Required: 0600 (PD+SPR) + 7300 (PL+SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/23/98	PL-101	1	10:05	1705	420	1694	1794	1744	732		X	UW
	PL-102	2	10:10	1710	420	1700	1720	1710	718		X	DW-1
	PL-103	3	10:20	1721	421	1697	1673	1685	709		X	DW-2
	PL-104											BLANK
	SPL-20	4	10:15	1718	423	1699	1722	1711	723	X		JOHNNY HESTER - EXCAV. CREEK EMP # 957803
	PD-115	5	10:05	1705	420	1699	1679	1689	709		X	UW
	PD-116	6	10:10	1710	420	1706	1730	1718	721		X	DW-1
	PD-117	7	10:20	1721	421	1691	1709	1700	716		X	DW-2

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/CAM, 10/23/98
   Received by Judy Stuehler 10.26.98
2. Relinquished by Judy Stuehler 10-26-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

USX Engineers & Consultants, Inc.
4000 Tech Center Drive, MS-15, Monroeville, PA 15146
(412) 825-2400 Fax: (412) 825-2407

Industrial Hygiene
Field Sampling Data Sheet

Project No. 9AD892 IT/OHM Corp. (847) 473-1694 (1697 FAX)

Sampler's Name: Todd D. Teets

Project Name: VACANT LOT SITE - VULCAN LOUISVILLE SMELTING SITE

Sample Type: MCE FILTER CASSETTE

Site Location: 1120 MLK JR. DRIVE, NORTH CHICAGO, IL 60064

Delivery Date:

Analysis Required: 0600 (RD & SPR) + 7300 (PL & SPL)

Sampling Date	Sample Number	Pump Number	Time Start	Time Finish	Total Mins.	Flow Rate Start	Flow Rate Finish	Avg. Flow	Vol Liters	Type Pers	Type Area	Name - Social Security Number and/or Comments and Sketches
10/23/98	RD-118											BLANK
↓	SPR-20	8	10:15	1718	423	1704	1721	1713	725	X		JOHNNY HESTER - EXCAV. CREEK EMP# 957803

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by Todd D. Teets, IT/OHM, 10/23/98
   Received by Judy Stuchler 10-26-98
2. Relinquished by Judy Stuchler 10-26-98
   Received by _____
3. Relinquished by _____
   Received by _____
4. Relinquished by _____
   Received by _____

Final Report to: _____

Invoice to: _____

APPENDIX L
WEEKLY STATUS REPORTS

U.S. Army, Corps of Engineers, Omaha District

4PID RESPONSE

RAPID RESPONSE WEEKLY REPORT

Project Name: *Vacant Lot*	For Week Ending: *August 2, 1998*
Project Location: *North Chicago, IL*	Report No: *001* — *Page 1*
Name: *Thomas W. Warren*	Title: *Project Manager*
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*	
Telephone No: *(630) 759-9540*	Telefax No: *(630) 759-5518*
Reporting Period: *July 27, 1998 to August 2, 1998*	
Percent Field Work Completed *0* %	Percent Project Completed *.5* %

Summary of Work Completed On-Site: No work performed on-site this week.

Summary of Work Completed Off-Site: *1.Finalized and submitted draft project plans.*

2. Completed negotiation of delivery order. 3. Pre-mobilization planing

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's):

ne to report

Problems Encountered: *None to report*

Recommendations: *None to report*

Key Personnel Changes: None to report

Work Anticipated to be Performed the Following Week: *1. Mobilization of personnel, equipment and supplies.*

2. Site set up. 3.Begin clearing and grubbing.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

RAPID RESPONSE WEEKLY REPORT

Project Name: *Vacant Lot*	For Week Ending: *August 2, 1998*	
Project Location: *North Chicago, IL*	Report No: *001*	*Page 2*
Other Remarks: *None*		
Signature:		

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	For Week Ending: *August 9, 1998*	
Project Location: *North Chicago, IL*	Report No: *002*	*Page 1*
Name: *Thomas W. Warren*	Title: *Project Manager*	
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*		
Telephone No: *(630) 759-9540*	Telefax No: *(630) 759-5518*	
Reporting Period: *August 3,1998 to August 9, 1998*		
Percent Field Work Completed *.5* %	Percent Project Completed *.8* %	

Summary of Work Completed On-Site: *1. 1-office and 1-decontamination trailer delivered and set up. 2.Place geotech fabric and road base for support area. 3. Began fence installation. 4.completed pre-excavation sampling and submitted samples to laboratory. 5. Began clearing and grubbing for fence installation. 6. Utility locator service (JULIE) identified underground utilities. 7. Conducted site walk with Elgin, Joliet and Eastern Railway to establish railroad property line.*

Summary of Work Completed Off-Site: 1. *Finalized and resubmitted final cost proposal. 2. Procurement of subcontractors and materials.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1. At USACE request added a double swing gate on commonwealth avenue. Both swing gate changed from 20' to 30' width, 2. Moved location of fence on north side of property to keep fence off of railroad property. 3. Instructed by USACE to remove all trees from the site including the trees along the creek. The large trees along the creek were not anticipated to be removed during the first phase.*

Problems Encountered: *1. Parking for EMCO Chemical on Commonwealth Avenue had to be eliminated during the installation of the fence and grubbing in this area.*

Recommendations: *1. Obtain GPS coordinates from EPA to tie in OHM grid with the EECA grids.*

Key Personnel Changes: *None to report.*

Work Anticipated to be Performed the Following Week: *1.Continue site set up. 2. Install electric and phone service. 3. Continue clearing and grubbing. 4. Delivery of excavator, truck scales water truck, 2nd office trailer and storage container.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	For Week Ending: *August 9, 1998*	
Project Location: *North Chicago, IL*	Report No: *002*	*Page 2*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *None*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	For Week Ending: *August 16, 1998*
Project Location: *North Chicago, IL*	Report No: *003* — *Page 1*
Name: *Thomas W. Warren*	Title: *Project Manager*
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*	
Telephone No: *(630) 759-9540*	Telefax No: *(630) 759-5518*
Reporting Period: *August 10,1998 to August 16, 1998*	
Percent Field Work Completed *3* %	Percent Project Completed *5* %

Summary of Work Completed On-Site: *1. All office trailers, decontamination and storage trailer in place. 2. Clearing and grubbing and stockpiling of timber continued. 3. Electrical and phone service supplied to the trailers. 4. Completed support zone set up. 5. Continued resource and procurement of subcontractors and supplies. 6. Generated a plan for installing a truck crossing over the creek. 7. Completed the pre-construction meeting. 8. Completed installation of fence.*

Summary of Work Completed Off-Site: *1. Contingency plan support documentation generated and forwarded to site. Procurement support for T&D and other subcontractors and materials.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1. The clearing and grubbing of large trees along the creek will be a negative impact the schedule and budget. The first phase clearing and grubbing did not include the large trees along the creek. 2. Site set up has taken longer than expected and exceeded the budget. The estimate did not include enough personnel time to accomplish site set up.*

Problems Encountered: *1. The project accountant did not have previous Rapid Response experience or experience mobilizing a new project. This was a negative impact on material and equipment sourcing and put a large burden on the site superintendent during site set up activities. 2. Received analytical date from 4 grids that indicate the grids exceed TCLP limits and soil will be considered RCRA. OHM will perform a cost analysis to determine if on-site stabilization will be cost effective as opposed to shipping material to a RCRA facility for stabilization and disposal.*

Recommendations: *None to report.*

Key Personnel Changes: *The project accountant as removed from the project and will be replaced with an accountant that has Rapid Response experience.*

Work Anticipated to be Performed the Following Week: *1.Continue clearing and grubbing. Install decontamination pad. 3. Install truck crossing over the creek. 4. Begin soil sampling to identify the PCB area. 5. Begin baseline air monitoring.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	For Week Ending: *August 16, 1998*	
Project Location: *North Chicago, IL*	Report No: *003*	*Page 2*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *None*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	For Week Ending: *August 23, 1998*	
Project Location: *North Chicago, IL*	Report No: *004*	*Page 1*
Name: *Thomas W. Warren*	Title: *Project Manager*	
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*		
Telephone No: *(630) 759-9540*	Telefax No: *(630) 759-5518*	
Reporting Period: *August 17,1998 to August 23, 1998*		
Percent Field Work Completed *5* %	Percent Project Completed *9* %	

Summary of Work Completed On-Site: *1. Additional mobilization of 1 operator and 1 technician. 2. Completed clearing and grubbing and removal of timber from creek. 3. Installed silt fence in creek. 4. Installed decontamination pad. 5. Truck scales arrived on-site. 6. Creek crossing 90% completed. 7. Baseline air monitoring completed.*

Summary of Work Completed Off-Site: *1. Transportation and disposal procurement continued. 2. Prepared and submitted T&D consent packages. 3. Draft manifest was submitted for USACE review. 4. Forms submitted to obtain an EPA generators ID number.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1. The installation of the creek crossing was a larger effort than anticipated. Following clearing and grubbing, the area across the creek was larger than apparent at the site visit.*

Problems Encountered: *None to report.*

Recommendations: *None to report.*

Key Personnel Changes: *The new project accountant arrived on-site.*

Work Anticipated to be Performed the Following Week: *1.Begin chipping of the clearing and grubbing material. 2. Continue soil sampling to identify the PCB area. 3. Begin excavation and stockpling of soil.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	For Week Ending: *August 23, 1998*	
Project Location: *North Chicago, IL*	Report No: *004*	*Page* 2

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *None*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot Site*	**For Week Ending:** *August 30, 1998*
Project Location: *North Chicago, IL*	**Report No:** *005* **Page**
Name: *Thomas W. Warren*	**Title:** *Project Manager*
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*	
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*
Reporting Period: *August 24,1998 to August 30, 1998*	
Percent Field Work Completed *15* %	**Percent Project Completed** *20* %

Summary of Work Completed On-Site: *1.) Began soil excavation. Approximately 2,071 cubic yards excavated which averages out to be 414 cubic yards per day.* **2.)** *Soil was stockpiled on-site and covered with visqueen.* **3.)** *Approximately 25 cubic yards of the total excavated came from outside the chain link fence along Martin Luther King Jr. Drive.* **4.)** *Verification samples taken of the three grids and the area excavated outside of the fence.* **5.)** *The bridge across Pettibone creek was completed with the installation of 2-60" culvert pipes.* **6.)** *Topped off the installed bridge with compactable road mix stone.* **7.)** *Provided traffic control during the excavation activities outside the fence area.* **8.)** *Swept the street and washed it down with the water truck.* **9.)** *Started the chipping activities of all timber and brush that is 12" or less in diameter.* **10.)** *Perimeter and personal air monitoring continued.* **11.)** *Continued site security.*

Summary of Work Completed Off-Site: *1.) Transportation and disposal procurement continued.* **2.)** *Analysis of the verification samples, PCB samples, and air monitoring samples continues.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): None at this time.

Problems Encountered: *1.) Excavation was held up for 1 day waiting for quantitative fit testing equipment to arrive.* **2.)** *The chipping activity is having problems with chipping timber that may only be 10" in diameter, because each limb, dimensionally shaped with twists and bends will feed into the machine differently, some at an angle causing the chipper to bind up. The machine sees the cross section of the timber which may be 12" or more.* **3.)** *Encountered a utility line during the excavation outside the fence line.* **4.)** *The chipping of brush and small trees will extend several days longer than scheduled due to the volume and having to wait from time to time for us to free up a piece of equipment to push more timber to them.* **5.)** *Excavating outside of the fence line went a little slower due to having to excavate around a utility line, excavating around the newly installed fence post foundations, and along the side of a roadway on the side walk.*

Recommendations: 1.) *Recommend that chipping crew work longer hours to complete the chipping activities.*

Key Personnel Changes: 1.) *An operator and a laborer were mobilized to the job site.* **2.)** *The laborer was demobilized from the job.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot Site*	**For Week Ending:** *August 30, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *005*	***Page***

Work Anticipated to be Performed the Following Week: *1.) Continue soil sampling, verification, and to delineate the PCB area. 2.) Continue excavation and stockpling of soil. 3.) Begin backfilling activities. 4.) Continue Perimeter and personal air monitoring. 5.) Make preparations for the Holiday week end. 6.) Continue site security. 7.) Complete the chipping activities. 8.) Continue with transportation and disposal arrangements.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *None at this time.*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 6, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *006*	***Page*** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*	
Company Name & Address: *OHM/IT, 1334 Enterprise Drive, Romeoville, IL 60446*		
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*	
Reporting Period: *August 31,1998 to September 6, 1998*		
Percent Field Work Completed *20* %	**Percent Project Completed** *25* %	

Summary of Work Completed On-Site: *1.) Continued the soil excavation of Non-Haz soils. Continued stockpiling the excavated soils and covering them with visqueen. 2.) Continued with the verification samples. 3.) Stopped the chipping activities on the 31st of August with plans of bringing in a tub grinder that would be capable of chipping everything. (Large timber and stumps also) 4.) Brought a tub grinder onto the site, set it up, and continued chipping activities.*

Summary of Work Completed Off-Site: *1. Transportation and disposal procurement continued.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1.) The chipping operations with the tub grinder had to be shut down due to safety reasons Due to the Holiday week end, the chipping activities would resume on Friday the 4th when nobody would be around and planning on better weather conditions. 2.) The chipping activities, with the tub grinder, was extended into next week due to the volume of timber, stumps being part of this also. 3.) Backfilled the west side of the property with approximately 1,335 cubic yards. (grids 1, 2, and 3.) 4.) The crew was demobilized for the Holiday week end, which was never included in the estimate or the work plan.*

Problems Encountered: *1.) The tub grinder created a safety hazard, due to flying debris. . It was chucking pieces of wood, the size of soft balls, all around the support zone in addition to the south side roadway because of the wind.*

Recommendations: *(Safety Concern) Shut down the tub grinder until there is less site activities and the wind direction is more favorable. Since this week end is the beginning of a Holiday week end and Friday is planned as a demobilization day, the chipping could be done, with absolute control limiting the personnel on site and anticipating better weather conditions.*

Key Personnel Changes: *Short one operator for one day.*

Work Anticipated to be Performed the Following Week: *1.) Complete the chipping activities, stumps and all. 2.) Continue excavation and stockpling of soil. 3.) Continue soil sampling to identify the PCB area. 4.) Start the transportation and disposal activities for the Non-Haz soils.*

• *U.S. Army, Corps of Engineers, Omaha District*

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 6, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *006*	***Page*** *1*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *The on-site USACE representative directed us to demobe on Friday the 4th and use Tuesday the 8th a remobilization day.*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 13, 1998*
Project Location: *North Chicago, IL*	**Report No:** *007* **Page** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*	
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*
Reporting Period: *September 7,1998 to September 13, 1998*	
Percent Field Work Completed *25* %	**Percent Project Completed** *30* %

Summary of Work Completed On-Site: *1.) Continued to excavate Non-Haz soils this week, having excavated 910 cubic yards. 2.) Continued to stockpile the excavated soils and cover with visqueen. 3.) Additiontal backfill was delivered to fill in additional areas on the west side of the creek. 4.) Continued to delineate the PCB contaminated area by additional sampling. An auger was brought in and returned to aid in this sampling. 5.) Completed the chipping activities, utilizing a tub grinder which was also capable of handling the large trees and the stumps. 6.) Relocated the wood chips from the support area to the west side of the creek, to be used as a road bed. 7.) Received and installed jersey barriers on the bridge, then returned the lifting tool to the supplier. 8.) Continued to procure a trucking company to transport the Non-Haz soils to the approved landfill. 9.) Demobilized the crew until the transportation rangements could be finalized. 10.) The project supervisor and accountant remained on site to coordinate the mobilization plus remobilization, track costs, and generate the necessary paperwork needed to keep the project functional, at no cost to the government. 11.) Tuesday, the 8th was a travel day due to the Holiday weekend. 12.) Continued perimeter and personal air monitoring. 13.) Down graded the level of protection on the west side of Pettibone creek from level "C" to level "D". 14.) Continued with site security.*

Summary of Work Completed Off-Site: *1.) Transportation and disposal procurement continued.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1.) Holidays were never budgeted into the estimate or the work plan.*

Problems Encountered: *1.) The transportation company sent trucks to the site that did no have backup alarms, not all of the drivers were properly equipped with the proper work attire, and one of the drivers couldn't speak or understand english. These trucks were turned away with out loading. Also identified that the trucking company had not signed the contract and required a personal guarantee for payment from an OHM/IT employee. OHM/IT legal department will not accept that and process started to contract with the next bidder. 2.) USACE on-site representative shut the job down until trucks can be provided. No work performed on Friday or over the weekend.*

Recommendations: *None at this time.*

Key Personnel Changes: *An extra person, foreman type, was brought in to assist with supporting the operational activities, and assisting with the site administrative requirements.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 13, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *007*	***Page*** *1*

Work Anticipated to be Performed the Following Week: *1.) Complete excavating the Non-Haz soils and start excavating the Haz soils. 2.) Continue stockpiling the excavated soils. 3.) Continue post excavation, verification sampling 4.) Start the transportation and disposal activities for the Non-Haz soils. 5.) Obtain the permit to access the railroad property. 6.) Delineate the PCB contaminated area per the sampling results. 7.) RMT Inc. will be on-site to obtain treatability samples for stabilization of TCLP lead with phosphate. 8.) Continue the perimeter and personal air monitoring as needed.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 3,872 cubic yards of Non-Haz soils have been excavated and stockpiled to date. *Directed by USACE to obtain a price from RMT Inc. for stabilization.*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 26, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *009*	***Page*** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*	
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*		
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*	
Reporting Period: *September 21,1998 to September 27, 1998*		
Percent Field Work Completed *41* **%**	**Percent Project Completed** *36* **%**	

Summary of Work Completed On-Site: *1.) Continued to excavate non-hazardous soils this week. Approximately 765 bank cubic yards of non-hazardous soil was excavated and stockpiled this week. 2.) Continued the excavation of TCLP lead soils. Approximately 180 bank cubic yards of TCLP soil was excavated and stockpiled on-site. 3.) Continued transportation of non-hazardous soils to BFI Landfill in Zion, IL. Approximately 3,060 bank cubic yards consisting of 153 truckloads were transported this week. 4.) Approximately 105 bank cubic yards consisting of 280 lineal feet was excavated from outside the fence on Commonwealth Avenue. 5.) Several cost proposal submittals were negotiated with RMT Inc. to stabilize the material on-site. The process is a phosphate treatment method. RMT Inc. will provide the agent and on-site support as requested. OHM will perform the on-site stabilization. OHM will prepare and submit a subcontract consent request to USACE. 6.) Imported and placed approximately 1,890 cubic yards of backfill. 7.) Received RFQ package for transportation of non-hazardous soils. Prepared and submitted subcontract consent package. This RFQ will cover 24 hour trained drivers if required. 8.) OHM Program Manager (J. Hitchings) and USACE Project Engineer (T. Westenburg) were on site on Thursday and Friday for a presentation to representatives from USEPA and The Chicago USACE. 9.) Quantity estimates for soil to be excavated were revised based on actual excavations to date and test pits in areas to be excavated. Substantial quantity increases were identified. The forward look was adjusted to account for the volume increases. The forward look is attached to this report. 10.) Received the final analytical result for the delineation of the surface PCB area.*

Summary of Work Completed Off-Site: *1.) Program office secretary finalized certified payrolls for Fence Masters and Belski Electrical. Also finalized and submitted OHM/IT certified payrolls through August 28, 1998.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1.) Excavation in several grids exceeded the 2 foot anticipated depth. The decisions to excavate in excess of 2 feet was based on both analytical and visual observations. 2.) The USEPA instructed EMCO Chemical to vacuum up free liquids from the creek following an apparent release of a solvent material from a culvert pipe. The vacuum truck operation was financially not associated with the project,however, all safety requirements of the site were met by the EMCO's subcontractor.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 26, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *009*	***Page*** *1*

Problems Encountered: *1.) OHM's excavator was down for 1 day due to a fuel pump failure while tracking along the creek bed. A tow truck was necessary to assist in the removal of the excavator due to the excavator sinking into soft ground while waiting for the service mechanic to get the machine running. The costs associated with removing and repairing the excavator were not charged to the government. 2.) The maximum amount of trucks provided by the transporter on a daily basis was seven. For the majority of the week only six trucks were running on a daily basis. On Saturday only 3 trucks were available. OHM is making arrangements to contract with another transporter. 2.) OHM will identify demobilization costs and weekly cost to have the site shut down temporarily should funding become an issue. USACE should know next week if funding will be an issue. The potential increase in soil quantities and stabilization of potentially 30,000 cubic yards of TCLP lead soil is driving the funding short fall.*

Recommendations: *None at this time.*

Key Personnel Changes: *No key personnel changes took place.*

Work Anticipated to be Performed the Following Week: *1.) Continue to excavate and stockpile TCLP lead soils. 2.) Continue post excavation, verification sampling 3.) Continue the transportation and disposal activities for the non-hazardous soils. 4.) Award purchase order with RMT Inc. so stabilization can begin the following week. 5.) Continue the perimeter and personal air monitoring as required. 6.) Begin process to downgrade the excavation activities based on air monitoring results. 7.) Award purchase order for new transporter for the transportation of non-hazardous soil. 8.) Continue the backfill of areas as acceptable analytical results are received.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *September 26, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *009*	***Page*** *1*

Other Remarks: *1.) To date 4,869 bank cubic yards of non-hazardous soils have been excavated and stockpiled. 2.) To Date 2,800 cubic yards of TCLP soil have been excavated and stockpiled. 3. To date 3,888 cubic yards of non-hazardous soils have been transported to the BFI landfill in Zion, IL.*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 03, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *010*	***Page*** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*	
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*		
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*	
Reporting Period: *September27,1998 to October 03, 1998*		
Percent Field Work Completed *49* %	**Percent Project Completed** *45* %	

Summary of Work Completed On-Site: *1.)Excavated approximately 1,450 bank cubic yards of TCLP lead soil from Grid numbers 13, 14, 15, 16 and 17. 2.) Completed post excavation verification soil sampling in grids 13 through 16. Grids 13, 14 and 15 are confirmed below clean-up levels. Grids 16 will require additional excavation and grid 17 requires sampling. 3.) Awarded transportation purchase order to Jack Gray Trucking for non-hazardous soil transportation to BFI Landfill in Zion, IL. 4.) Awarded purchase order to RMT Inc. to provide technical support during stabilization of lead soil with a RMT Inc. proprietary phosphate reagent. Also awarded purchase order to American Minerals Inc. to supply the phosphate reagent. 5.) Completed the soil sampling of the creek banks. 6.) Conducted preparatory inspection for the phosphate stabilization operation. 7.) Performed backfilling in Grids 10, 11, 12 and 13. 8.) Completed the transportation and disposal of stockpiled non-hazardous soil to the BFI landfill in Zion, IL. Transported 78 truckloads this week.*

Summary of Work Completed Off-Site: *1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory and air sample analysis performed by UEC Inc. 3.) Transportation of non-hazardous soils by Rocks-Ann Trucking and disposal services by BFI Landfill in Zion IL.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1.)No work was performed over the weekend. It was decided to furlough the crew while final arrangements are made for the delivery of the phosphate stabilization material. The crew is scheduled to return on Monday, October 5, 1998.*

Problems Encountered: *1.) No major problems were encountered.*

Recommendations: *None at this time.*

Key Personnel Changes: *Added a General Foreman to the crew to allow the superintendent to keep up with the Daily Contractors Quality Control Reports and Daily Work Orders. The General Foreman will also coordinate the stabilization effort. The General Foreman is Cedric Burkett and he has previous Rapid Response experience.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 03, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *010*	**Page** ~~4~~ 2

Work Anticipated to be Performed the Following Week: *1.) Begin excavation and stockpiling of soil from the PCB area. 2.) Continue post excavation, verification sampling 3.) Continue re-excavation of grid 16 and 17 if necessary. 4.) Receive 2 tons of phosphate material and stabilize a test batch. Obtain a sample of stabilized material and submit to laboratory for waste disposal analysis. 5.) Continue the perimeter and personal air monitoring as required. 6.) Begin receiving phosphate material and begin stabilization of TCLP lead soil. Approximately 9,200 tons of TCLP soil are stockpiled and ready for stabilization. 7.) Continue the backfill of areas as acceptable analytical results are received.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *1.) To date 4,869 bank cubic yards of non-hazardous soils have been excavated and stockpiled. 2.) To Date 6,400 loose cubic yards of TCLP soil have been excavated and stockpiled. 3. To date 4,869 bank cubic yards / 6,442 tons of non-hazardous soils consisting of 324 truckloads, have been transported to the BFI landfill in Zion, IL.*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 10, 1998*
Project Location: *North Chicago, IL*	**Report No:** *011* **Page** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*	
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*
Reporting Period: *October04,1998 to October 10, 1998*	
Percent Original Field Work Completed *56* **%**	**Percent Original Project Completed** *52* **%**

Summary of Work Completed On-Site: *1.)Excavated approximately 80 bank cubic yards of TCLP lead soil from Grid number 16 quadrants A and C. The excavation in Grid 16 was re-excavation due to total lead analysis above the clean-up level following initial excavation. Quadrants A and B were sampled following re-excavation. 2.) Completed the stabilization of two, 16 cubic yards of soil, one at 4% reagent and the second at 6% reagent by weight. Samples were obtained from the stabilized material and submitted to Great Lakes Analytical Laboratory for disposal analysis and TCLP lead analysis. RMT Inc. was on-site to witness the mixing of the soil and reagent. Analysis of the mixed soil by RMT Inc. indicated the reagent percentage was 3.6 and 3.4 percent by weight. 3.) Performed backfilling in Grids 2 and 13.*

Summary of Work Completed Off-Site: *1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory and air sample analysis performed by UEC Inc. 3.) Laboratory analytical support from RMT Inc. for soil stabilization analysis. 4.) Prepared and submitted to the USACE on-site Representative, a draft waste disposal profile for lead contaminated/stabilized soil to the BFI landfill in Zion, IL.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1.) The crew was scheduled to return from rotation on Monday, October 5, 1998. Due to heavy rains over the weekend and on Monday it was decided to suspend site operations until Monday October 12 to let the site dry out. Rain continued through Wednesday October 7. Backfilling operations resumed on Thursday October 8 and continued Friday. No work was performed over the weekend.*

Problems Encountered: *1.) Extensive rains prevented excavation and backfilling Monday October 5 through Wednesday October 7.*

Recommendations: *None at this time.*

.ey Personnel Changes: *There were no key personnel changes this week.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 10, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *011*	**Page** 2

Work Anticipated to be Performed the Following Week: *1.) Begin excavation of lead soils from grids near the north fence line. 2.) Continue post excavation, verification sampling 3.) Continue re-excavation of Grid 16 if necessary. 4.) Receive 2 tons of phosphate material and stabilize a test batch. Obtain a sample of stabilized material and submit to laboratory for waste disposal analysis. 5.) Continue the perimeter and personal air monitoring as required. 6.) Continue receiving phosphate material on-site and begin stabilization of TCLP lead soil. Approximately 9,200 tons of TCLP soil are stockpiled and ready for stabilization. 7.) Continue the backfill of Grids 14, 15 and 16 as acceptable analytical results are received. 8.) Receive waste disposal analysis of stabilized soil and finalize and submit the disposal profile to USACE and BFI Landfill for approval.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *1.) To date 4,869 bank cubic yards of non-hazardous soils have been excavated and stockpiled. 2.) To Date 6,480 loose cubic yards of TCLP soil have been excavated and stockpiled. 3. To date 4,869 bank cubic yards / 6,442 tons of non-hazardous soils consisting of 324 truckloads, have been transported to the BFI landfill in Zion, IL.*

Signature: 10/13/98

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 17, 1998*
Project Location: *North Chicago, IL*	**Report No:** *012* **Page** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*	
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*
Reporting Period: *October11,1998 to October 17, 1998*	
Percent Original Field Work Completed *64* **%**	**Percent Original Project Completed** *60* **%**

Summary of Work Completed On-Site: *1.)Excavated approximately 200 bank cubic yards of TCLP lead soil from outside the north fence on the rail road property. 2.) Completed the stabilization of 4,800 cubic yards of soil. The mix ratio was 2.4 to 2.7% reagent by weight. Samples were obtained from the stabilized material and submitted to Great Lakes Analytical Laboratory for TCLP lead analysis. Analytical results of the first 1000-ton batch were non-detectable for TCLP lead. 3.) Began receiving reagent on-site for soil stabilization. Six loads consisting of 134 tons of reagent was delivered to the site. 4.) Completed backfilling in Grids 14, 15 and 16 . Began backfill in Grid 17. Approximately 79 loads (1,185 cubic yards) of backfill was delivered to the site. 5.) Received results of the waste disposal analysis for the stabilized soil. Finalized profile and disposal facility acceptance at the BFI Landfill in Zion, IL. 5.) Finalized procurement for a second backfill source. 6.) Received a long stick excavator on-site to assist in soil stabilization. 7.) Received 20 loads (300 cubic yards) of wood chips on site to use for truck route on-site.*

Summary of Work Completed Off-Site: *1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory and air sample analysis performed by UEC Inc. 3.) Laboratory analytical support from RMT Inc. for soil stabilization analysis. 4.) Finalized and submitted to the USACE on-site Representative, the final waste disposal profile for lead contaminated/stabilized soil to the BFI landfill in Zion, IL.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *1.) The crew returned from rotation on Monday October 12, 1998. Heavy rains the previous week was the reason the rotation was taken.*

Problems Encountered: *1.) Up to four inches of rain hit the site on Saturday October 17. The crew only worked half the day. Backfill operations were canceled on Saturday due to the rain. 2.) Delivery of reagent to the site was slow getting started early in the week.*

Recommendations: *None at this time.*

Key Personnel Changes: *There were no key personnel changes this week.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 17, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *012*	***Page*** *1*

Work Anticipated to be Performed the Following Week: *1.) Begin excavation of lead soils from grids near the north fence line. 2.) Continue post excavation, verification sampling and TCLP lead sampling of stabilized soil. 3.) Continue excavation of railroad property north of the north side fence. 4.) Receive remaining phosphate reagent material on-site and continue stabilization of TCLP lead soil. 5.) Continue the perimeter and personal air monitoring as required. 6.) Continue the backfill of Grid 17 and begin backfill on railroad property as acceptable analytical results are received. 7.) Begin hauling stabilized soil to BFI Landfill using Jack Gray Tranportation Company.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *1.) To date 4,869 bank cubic yards of non-hazardous soils have been excavated and stockpiled. 2.) To Date 6,680 loose cubic yards of TCLP soil have been excavated and stockpiled. 3. To date 4,869 bank cubic yards / 6,442 tons of non-hazardous soils consisting of 324 truckloads, have been transported to the BFI landfill in Zion, IL. 3.) To date approximately 6,360 cubic yards of backfill material has been delivered to the site.*

Signature: 10/20/98

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 23, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *013*	***Page*** *1*
Name: *Thomas W. Warren*	**Title:** *Project Manager*	
Company Name & Address: *OHM/IT 1334 Enterprise Drive Romeoville, IL 60446*		
Telephone No: *(630) 759-9540*	**Telefax No:** *(630) 759-5518*	
Reporting Period: *October17,1998 to October 23, 1998*		
Percent Original Field Work Completed *68* %	**Percent Original Project Completed** *73* %	

Summary of Work Completed On-Site: *1.)Excavated approximately 950 bank cubic yards of non-hazardous soil and sediment from the north end of the creek. 2.) Excavated approximately 200 bank cubic yards of TCLP soil from the rail road property. 3.) Excavated approximately 1,250 bank cubic yards of TCLP soil from Grid 19. 4.) Completed the stabilization of 1,200 cubic yards of soil. The mix ratio was 2.4 to 2.7% reagent by weight. Samples were obtained from the stabilized material and submitted to Great Lakes Analytical Laboratory for TCLP lead analysis. 5.) An additional 174 tons of reagent was delivered to the site. 6.) Completed backfilling in Grids 17. Approximately 55 loads (825 cubic yards) of backfill was delivered to the site. 7.) Transported 118 loads (approximately 1,770 loose cubic yards) of non-hazardous / treated soil to the BFI Facility in Zion, IL. 8.) Began the preparation of waste disposal profiles for treated soil to two disposal facilities in WI. 9.) Re-bid the waste transportation and disposal contracts.*

Summary of Work Completed Off-Site: *1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory and air sample analysis performed by UEC Inc. 3.) Laboratory analytical support from RMT Inc. for soil stabilization analysis. 4.) Prepared and submitted to USACE subcontract consent packages for Pheasant Run Landfill in Bristol, WI, Kestrel Hawk Landfill in Racine, WI and Triad Trucking.*

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *None*

Problems Encountered: *1.) The operators of the BFI Landfill will not maintain the haul roads to allow the end dump trucks to safely dump or prevent damage to the trucks from ruts in the road. The decision was made to profile the waste to one of two other facilities.*

Recommendations: *None at this time.*

Key Personnel Changes: *There were no key personnel changes this week.*

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: *Vacant Lot*	**For Week Ending:** *October 23, 1998*	
Project Location: *North Chicago, IL*	**Report No:** *013*	***Page*** *1*

Work Anticipated to be Performed the Following Week: *1.) Begin excavation of soil from the PCB area and the PCE area. 2.) Continue excavation of non-hazardous soil from the creek walls and sediment and the rail road property. 3.) Extend permit and insurance for working on the rail road property. 4.) Obtain TCLP lead samples for every 300 cubic yards of stabilized lead soil as required by the disposal facility. 5.) Continue post excavation, verification sampling of excavated areas. 6.) Continue the perimeter and personal air monitoring as required. 7.) Continue the backfill of excavated areas as acceptable analytical results are received. 8.) Begin hauling stabilized soil to yet to be determined disposal facility and transporter pending bid review and profile acceptance.*

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: *1.) To date 5,959 bank cubic yards of non-hazardous soils have been excavated. 2.) To Date 6,984 loose cubic yards of TCLP soil have been excavated. 3.) To date 6,630 bank cubic yards / 8,840 tons of non-hazardous soils consisting of 442 truckloads, have been transported to the BFI landfill in Zion, IL. 3.) To date approximately 7,185 cubic yards of backfill material has been delivered to the site.*

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Week Ending:** October 30, 1998
Project Location: North Chicago, IL	**Report No:** 014 ***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446	
Telephone No: (630) 759-9540	**Telefax No:** (630) 759-5518
Reporting Period: October 24,1998 to October 30, 1998	
Percent Original Field Work Completed 74 %	**Percent Original Project Completed** 78 %

Summary of Work Completed On-Site: 1.) Excavated approximately 800 bank cubic yards of non-hazardous lead soil and sediment from the creek. 2.) Excavated approximately 130 bank cubic yards of TCLP lead soil from the rail road property. 3.) Excavated approximately 570 bank cubic yards of PCB / TCLP lead soil from the PCB area. 4.) Excavated approximately 85 cubic yards of PCE contaminated soil from the source area. 5.) Excavated approximately 80 cubic yards of non-hazardous lead soil from outside the fence on Commonwealth Avenue. 6.) Completed the stabilization of 1,000 cubic yards of TCLP lead soil. The mix ratio was 2.7% reagent by weight. Samples were obtained from the stabilized material and submitted to Great Lakes Analytical Laboratory for TCLP lead analysis. The results were non-detect for TCLP lead. 7.) Approximately 40 loads (600 cubic yards) of backfill was delivered to the site. 8.) Completed the preparation and submittal of waste disposal profiles for treated soil to two disposal facilities in WI. The waste disposal was eventually awarded to Kestrel Hawk Park Landfill in Racine, WI. 9.) Completed and awarded the waste transportation contract to Jack Gray Trucking. 10.) Contacted the rail road to extend the access permit until November 20, 1998.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory and air sample analysis performed by UEC Inc. 3.) Finalized purchase orders and USACE subcontract consent packages for Pheasant Run Landfill in Bristol, WI and Kestrel Hawk Landfill in Racine, WI and Jack Gray Trucking. 4.) OHM's regulatory specialist had conversations with several landfills and regulatory authorities relating to State of WI approval to use stabilized soil as daily landfill cover.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): *None*

Problems Encountered: 1.) The State of WI DNR would not approve the use of the stabilized soil as landfill cover at the Bristol WI Disposal Facility so last minute arrangements were made to transport the material to the Kestrel Hawk Park Facility in Racine, WI as landfill material. The WI DNR did approve the material for landfill. 2.) Mid-week rain haulted the delivery and placement of backfill material. Excavation activities were suspended on Friday due to heavy rains on Thursday evening.

Recommendations: None at this time.

Key Personnel Changes: There were no key personnel changes this week.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Week Ending:** October 30, 1998	
Project Location: North Chicago, IL	**Report No:** 014	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Continue excavation of non-hazardous soil from the creek walls and sediment and the rail road property. 2.) Begin the transportation and disposal of stabilized lead soil to the Kestrel Park Landfill in Racine, WI. 3.) Continue post excavation, verification sampling of excavated areas. 4.) Continue the stabilization of TCLP lead soil. 5.) Research what steps that are necessary for the disposal of PCB contaminated soils with respect to recent changes in regulatory requirements. 6.) Continue the perimeter and personal air monitoring as required. 7.) Continue the backfill of excavated areas as acceptable analytical results are received.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 6,839 bank cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 5,950 bank cubic yards of TCLP lead soil have been excavated. 3.) To date 85 bank cubic yards of PCE contaminated soil has been excavated. 4.) To date 600 bank cubic yards of PCB contaminated soil has been excavated. 5.) To date 8,434 tons of non-hazardous soils consisting of 442 truckloads, have been transported to the BFI landfill in Zion, IL. 3.) To date approximately 7,785 cubic yards of backfill material has been delivered to the site.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Week Ending:** November 6, 1998	
Project Location: North Chicago, IL	**Report No:** 015	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9540	**Telefax No:** (630) 759-5518	
Reporting Period: October 31,1998 to November 6, 1998		
Percent Original Field Work Completed 92 **%**	**Percent Original Project Completed** 90 **%**	

Summary of Work Completed On-Site: 1.) Excavated approximately 575 bank cubic yards of non-hazardous lead soil and sediment from the creek. 2.) Excavated approximately 1,100 bank cubic yards of TCLP lead soil from the slopes of the creek. 3.) Excavated approximately 935 bank cubic yards of TCLP lead soil from Grid 18. 4.) Completed the stabilization of 1,000 cubic yards of TCLP lead soil. The mix ratio was 1% reagent by weight. Samples were obtained from the stabilized material and submitted to Great Lakes Analytical Laboratory for TCLP lead analysis.
5.) The OHM superintendent received information from North Shore Gas Company that stated that if the 10" high pressure gas line needs to be supported during excavation, it would be required that concrete supports would be used.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory and air sample analysis performed by UEC Inc. 3.) IT/OHM's regulatory specialist had conversations with Kestrel Hawk Park Landfill and regulatory authorities relating to the disposal of non TSCA PCB soil that has been stabilized to meet non-hazardous TCLP lead levels. The soil can be accepted at Kestrel Hawk Park Landfill if below 50 ppm PCB.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) At the request of the EPA the excavated areas in the northern portion of the site and Pettibone Creek will not be backfilled. 2.) The EPA has requested the perimeter fence be left in place at the completion of the work. 3.) IT/OHM's Health and Safety Department has approved the downgrade of the site to modified level "D" protection based on personal air monitoring results. Also personal and perimeter air sampling will be suspended.

Problems Encountered: 1.) Occasional rain prevented the delivery and placement of backfill material.

Recommendations: None at this time.

Key Personnel Changes: There were no key personnel changes this week.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Week Ending:** November 6, 1998	
Project Location: North Chicago, IL	**Report No:** 015	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Continue excavation of non-hazardous soil and TCLP lead soil from the creek walls and sediment, Grid 18 and the rail road property. 2.) Continue the transportation and disposal of non-hazardous lead soil to the Kestrel Park Landfill in Racine, WI. 3.) Continue post excavation, verification sampling of excavated areas. 4.) Continue the stabilization of TCLP lead soil as necessary. 5.) Complete the profile for the disposal of non-TSCA, PCB contaminated soils to the Kestrel Hawk Park Landfill in Racine WI. 6.) Continue real-time air monitoring as required. 7.) Continue the backfill of excavated areas as acceptable analytical results are received.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 bank cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 7,985 bank cubic yards of TCLP lead soil have been excavated. 3.) To date 85 bank cubic yards of PERC contaminated soil has been excavated. 4.) To date 600 bank cubic yards of PCB contaminated soil has been excavated. 5.) To date a total of 14,960 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons / 442 truckloads to the BFI landfill in Zion, IL and 6,526 tons / 272 truck loads to Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 7,785 cubic yards of backfill material has been delivered to the site. 6.) To date approximately 9,516 tons of TCLP lead soil has been stabilized.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** November 13 and 20, 1998
Project Location: North Chicago, IL	**Report No:** 016 ***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446	
Telephone No: (630) 759-9540	**Telefax No:** (630) 759-5518
Reporting Period: November 7, 1998 to November 20, 1998	
Percent Field Work Completed 93 %	**Percent Project Completed** 91 %

Summary of Work Completed On-Site: 1.) Approximately 6,800 cubic yards of soil and sediment from the creek and soil from grids were excavated and stockpiled. Awaiting confirmation results from the grid and results indicating if the stockpiled soil needs stabilization or not. 2.) Three loads of non-hazardous concrete were shipped off-site for recycle. 3.) Approximately 1,275 cubic yards of backfill was delivered to the site. 3.) Approximately 1,514 tons of CA-11 stone was delivered for backfill of the Railroad property excavation. 4.) Backfilled approximately 65% of the railroad property. 5.) Completed excavation on the railroad property pending confirmation analysis. 6.) Completed excavation of Pettibone Creek. 7.) Stabilized approximately 1,800 cubic yards of TCLP lead soil. 8.) Continued transportation of lead soil to the Kestrel Hawk Landfill. 9.) Relocated the main office trailer to the west side of the site to allow for the xcavation of the east side of the support area. Electrical service was re-established to the trailer. Demobilized the support office trailer.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2) Soil sample analysis performed by Great Lakes Laboratory, EMT Inc. and air sample analysis performed by UEC Inc. 3.) OHM Program chemist and OHM procurement representative obtained quotes from several laboratories and established a purchase order with EMT laboratory. OHM project manager researched local and state regulations for the closure of monitoring wells and identified several qualified well drillers to provide price quotations.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) None during this period.

Problems Encountered: 1.) Great Lakes Laboratory was questioned about not meeting turn around time and in response to the inquiry, the laboratory refused to perform additional analysis. OHM's legal department is drafting a letter to respond to Great Lakes Laboratory for default of their contract. 2.) An unknown buried container was uncovered and accidentally ruptured. A make shift pipe was connected to the container which broke when uncovered. A fuming reaction was observed from liquid in the container and the liquid on the ground. Less than 1 gallon of free liquid was in the container. It is unknown how much liquid spilled on the ground. The pH of the liquid was 1. While attempting to over pack the container the remaining liquid spilled onto the ground. The contaminated soil was sampled for haz-cat analysis at an off-site laboratory and the contaminated soil (approximately 15 cubic yards) was covered with visqueen.

Recommendations: None at this time.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** November 13 and 20, 1998	
Project Location: North Chicago, IL	**Report No:** 016	***Page*** 1

Key Personnel Changes: There were no key personnel changes this week.

Work Anticipated to be Performed the Following Week: 1.) Due to the Thanksgiving Holiday, no work will be performed on-site other than re-establishment of telephone service and site security.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 14,505 cubic yards of TCLP lead soil have been excavated. 3.) An additional 600 cubic yards of PCB contaminated soil has been excavated. 5.) To date a total of 14,960 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 13,103 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 9,060 cubic yards of backfill dirt has been delivered to the site. 6.) To date approximately 10,849 tons of TCLP lead soil has been stabilized.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** November 27, 1998
Project Location: North Chicago, IL	**Report No:** 017 — ***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446	
Telephone No: (630) 759-9540	**Telefax No:** (630) 759-5518
Reporting Period: November 21, 1998 to November 27, 1998	
Percent Field Work Completed 80%	**Percent Project Completed** 78 %

Summary of Work Completed On-Site: 1.) Telephone service was connected to the relocated office trailer. 2.) Full time site security. 3.) No other on-site work was performed due to the Thanksgiving Holiday. The crew will be mobilized back to the site on Monday November 30, 1998.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. and ECC Inc. 3.) Forward look and modification preparation by the project manager.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) None during this period.

Problems Encountered: 1.) None during this period.

Recommendations: None at this time.

Key Personnel Changes: There were no key personnel changes this week.

Work Anticipated to be Performed the Following Week: 1.) Continue stabilization of stockpiled TCLP lead soil. 2.) Continue excavation of site grids for lead soil. 3.) Continue T&D of contaminated soil to the Kestrel Hawk Landfill. 4.) Continue to backfill railroad property. 5.) A new project superintendent will be transitioned onto the site this week. 6.) Approximately 44 tons of phosphate reagent will be delivered on Monday, November 30 1998.

Unit Price Quantities Reached to Date:

Unit Priced		Quantity	Quantity

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** November 27, 1998
Project Location: North Chicago, IL	**Report No:** 017 — ***Page*** 1

Item	Unit	to Date	Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 14,505 cubic yards of TCLP lead soil have been excavated. 3.) An additional 600 cubic yards of PCB contaminated soil has een excavated. 5.) To date a total of 14,960 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 13,103 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 9,060 cubic yards of backfill dirt has been delivered to the site. 6.) To date approximately 10,849 tons of TCLP lead soil has been stabilized.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 4, 1998	
Project Location: North Chicago, IL	**Report No:** 018	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9540	**Telefax No:** (630) 759-5518	
Reporting Period: November 28, 1998 to December 4, 1998		
Percent Field Work Completed 80%	**Percent Project Completed** 78 %	

Summary of Work Completed On-Site: 1.) The crew was mobilized back from the Thanksgiving break. 2.) Received confirmation analysis and completed backfill of railroad property with stone. May re-grade the area during final site grading. 3.) Received approval to ship non-hazardous lead / non-TSCA PCB soil to Kestrel Hawk Landfill in Racine. WI. Approximately 773 tons were shipped this week. This was soil from the first half of the PCB area. 4.) Shipped approximately 50 tons of stumps and debris to the Kestrel Hawk Landfill in Racine WI. 5.) Shipped approximately 2,303 tons of non-hazardous lead soil to the Kestrel Hawk Landfill in Racine, WI. 6.) Excavated approximately 550 cubic yards of soil from the second half of the PCB area. The soil was stockpiled and sampled to determine actual PCB concentrations. 7.) Removed the diversion dam in the creek. 8.) Stabilized approximately 4,350 cubic yards of TCLP lead soil. 8.) Continued sampling and laboratory analysis to support excavation and stabilization confirmation.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Forward look preparation by the project manager. 4.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) None during this period.

Problems Encountered: 1.) None during this period.

Recommendations: None at this time.

Key Personnel Changes: Teddy Landry arrived on site to begin transition with Jim Horn as the project superintendent.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 4, 1998	
Project Location: North Chicago, IL	**Report No:** 018	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Continue stabilization of stockpiled TCLP lead soil. 2.) Continue excavation of site grids for lead soil. 3.) Continue T&D of contaminated soil to the Kestrel Hawk Landfill. 4.) Complete project superintendent transition 5.) Continue sampling and chemical analysis to support excavation confirmation and stabilization. 6.) Re-locate the decon trailers and support items to the west side of the support area to allow for stockpiling of soil.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 14,505 cubic yards of TCLP lead soil have been excavated. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 23,840 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 15,406 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 773 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 50 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,120 cubic yards of backfill dirt and stone has been delivered to the site. 9.) To date approximately 16,721 tons of TCLP lead soil has been stabilized.

Signature:

Forward Look With Extra Tasks North Chicago Vacant Lot **To Complete All Tasks**

Print Date: 12/09/98 Costs Through Date: 12/07/98

WBS Code	Original Budget	Revised Budget	Actual To Date	Physical % Complete	Budget at Completion	Budget Varience	Estimate to Complete	Actual to Budget	Activity
0000000									Default WBS
0000015	3,035.00	3,035.00	3,214.76	100.00%	3,214.76	(179.76)	0.00	105.92%	Site Visit
0000020	11,502.00	11,502.00	8,874.77	100.00%	8,874.77	2,627.23	0.00	77.16%	Work Plans, H&S, CSAP
0000035	2,258.00	2,258.00	4,562.80	100.00%	4,562.80	(2,304.80)	0.00	202.07%	Pre-Excavation Sampling
0000045	15,305.00	15,305.00	34,288.73	81.08%	42,288.73	(26,983.73)	8,000.00	276.31%	Mobe & Demobe
0000050	15,830.00	15,830.00	56,629.75	100.00%	56,629.75	(40,799.75)	0.00	357.74%	Site Setup
0000055	8,979.00	8,979.00	37,717.66	100.00%	37,717.66	(28,738.66)	0.00	420.07%	Clearing & Grubbing
0000060	54,940.00	54,940.00	54,149.58	100.00%	54,149.58	790.42	0.00	98.56%	Site Security
0000065	196,662.00	196,662.00	185,458.00	100.00%	185,458.00	11,204.00	0.00	94.30%	Soil Excavation
0000070	29,240.00	29,240.00	36,885.35	100.00%	36,885.35	(7,645.35)	0.00	126.15%	Verification Sampling
0000080	553,524.00	553,524.00	560,237.53	100.00%	560,237.53	(6,713.53)	0.00	101.21%	Tranportation & Disposal
0000085	207,518.00	207,518.00	72,703.32	83.85%	86,703.32	120,814.68	14,000.00	41.78%	Backfill Excavation
0000090	31,126.00	31,126.00	156.06	0.50%	31,282.06	(156.06)	31,126.00	100.50%	Site Restoration
0000095	13,026.00	13,026.00	0.00	0.00%	13,026.00	0.00	13,026.00	100.00%	Site Teardown
0000096	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	
0000097	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	
0000110	115,298.00	115,298.00	119,442.73	100.00%	119,442.73	(4,144.73)	0.00	103.59%	Administration & Support
0000111	39,467.00	39,467.00	26,160.40	83.42%	31,360.40	8,106.60	5,200.00	79.46%	A&S Home Office
0000115	36,579.00	36,579.00	0.00	0.00%	36,579.00	0.00	36,579.00	100.00%	Final Report
0000120	74,241.00	74,241.00	100,146.74	100.00%	100,146.74	(25,905.74)	0.00	134.89%	Per Diem/FOGMA/PPE
0000200	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%	
0000210	0.00	30,000.00	29,846.66	84.30%	35,405.66	(5,405.66)	5,559.00	0.00%	Additional Site Security
0000220	0.00	300,000.00	238,690.14	87.35%	273,250.14	26,749.86	34,560.00	0.00%	Stabilization
0000300	0.00	100,000.00	57,275.74	72.67%	78,819.74	21,180.26	21,544.00	0.00%	Aditional Excavation
0000310	0.00	0.00	133,033.67	30.86%	431,047.67	(431,047.67)	298,014.00	0.00%	Additional T&D
0000320	0.00	0.00	209.33	0.00%	209.33	(209.33)	0.00	0.00%	Additional Backfill
0000330	0.00	25,000.00	46,780.89	80.35%	58,224.89	(33,224.89)	11,444.00	0.00%	Additional Analytical
0000340	0.00	50,000.00	66,288.62	73.46%	90,234.62	(40,234.62)	23,946.00	0.00%	Additional Admin & Support
0000350	0.00	50,000.00	68,321.45	79.38%	86,067.45	(36,067.45)	17,746.00	0.00%	Additional Per Diem, FOGMA, PPE
0000360	0.00	2,309.00	2,176.27	100.00%	2,176.27	132.73	0.00	0.00%	Uknown Investigation
Fee	0.00	38,241.00	0.00	0.00%	74,709.00	(36,468.00)	74,709.00	0.00%	Additional Fee
Fee	96,559.00	96,559.00	0.00	0.00%	96,559.00	0.00	96,559.00	100.00%	Base Fee
Grand Total	1,505,089.00	2,100,639.00	1,943,250.95	73.74%	2,635,262.95	(534,623.95)	692,012.00		

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 11, 1998	
Project Location: North Chicago, IL	**Report No:** 019	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9540	**Telefax No:** (630) 759-5518	
Reporting Period: December 5, 1998 to December 11, 1998		
Percent Field Work Completed 85%	**Percent Project Completed** 80 %	

1.) Shipped approximately 825 tons of non-hazardous lead / non-TSCA PCB soil to the Kestrel Hawk Landfill in Racine, WI. This was soil from the second half of the PCB area. 2.) Shipped approximately 3,798 tons of non-hazardous lead soil to the Kestrel Hawk Landfill. 3.) Excavated approximately 1,621 cubic yards of soil from Grids 26, 27, 28, 29, 30, 31 and 32. 4.) Stabilized approximately 2,150 cubic yards of TCLP lead soil. 5.) Continued sampling and laboratory analysis to support excavation and stabilization confirmation. 6.) Received clean confirmation sample results for Grids 26, 27, 28, 29, 30, 31 and ½ of Grid 32. 7.) Received 48 yards of stone to maintain the truck haul road. 8.) Relocated decon trailer and other support items to make room for stockpiling of soil in the support area. 9.) Mobilized an off-road dump truck to assist in stockpiling excavated soil.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Forward look preparation by the project manager. 4.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) None during this period.

Problems Encountered: 1.) Several batches of stabilized soil failed TCLP and were re-treated. 2.) Current funding limit has been exceeded and work was suspended as of close of business Friday December 11, 1998. Additional funding expected in Omaha any day.

Recommendations: None at this time.

Key Personnel Changes: No personnel changes this week.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 11, 1998	
Project Location: North Chicago, IL	**Report No:** 019	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Re-mobilize crew when funding is received. 2.) Continue stabilization of stockpiled TCLP lead soil. 3.) Continue excavation of site grids for lead soil. 4.) Continue T&D of contaminated soil to the Kestrel Hawk Landfill. 5.) Continue sampling and chemical analysis to support excavation confirmation and stabilization.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 16,126 cubic yards of TCLP lead soil have been excavated. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 27,638 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 19,204 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 1,598 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 50 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,168 cubic yards of backfill dirt and stone has been delivered to the site. 9.) To date approximately 19,623 tons of TCLP lead soil has been stabilized.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 18, 1998	
Project Location: North Chicago, IL	**Report No:** 020	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9562	**Telefax No:** (630) 759-5518	
Reporting Period: December 12, 1998 to December 18, 1998		
Percent Field Work Completed 85%	**Percent Project Completed** 83 %	

1.) Shipped approximately 3,860 tons of non-hazardous lead soil to the Kestrel Hawk Landfill. 2.) Excavated approximately 1,280 cubic yards of soil from Grids 30, 31, 32, 33 and 43. 3.) Stabilized approximately 1,000 cubic yards of TCLP lead soil. 4.) Continued sampling and laboratory analysis to support excavation and stabilization confirmation. 5.) Received clean confirmation sample results for Grids 33 and 43.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Forward look preparation by the project manager. 4.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) No excavation within 2 feet of the high pressure gas line along the eastside of the site.

Problems Encountered: 1.) Current funding limit has been exceeded and work was suspended as of close of business Friday December 11, 1998. Additional funding was received on Monday December 14 and on-site work resumed on Tuesday December 15.

Recommendations: None at this time.

Key Personnel Changes: Two equipment operators and the general foreman were involved in an after hours auto accident. The personnel were hospitalized and will most likely not return to the project. The accident was not project related.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 18, 1998	
Project Location: North Chicago, IL	**Report No:** 020	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Continue stabilization of stockpiled TCLP lead soil. 2.) Continue excavation of site grids for lead soil. 3.) Continue T&D of contaminated soil to the Kestrel Hawk Landfill. 4.) Continue sampling and chemical analysis to support excavation confirmation and stabilization. 5.) Mobilize a dozer to begin final site grading. 6.) Obtain additional backfill material as required.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 17,376 cubic yards of TCLP lead soil have been excavated and stabilized. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 31,498 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 23,064 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 1,598 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 50 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,168 cubic yards of backfill dirt and stone has been delivered to the site.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 25, 1998	
Project Location: North Chicago, IL	**Report No:** 021	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9562	**Telefax No:** (630) 759-5518	
Reporting Period: December 19, 1998 to December 25, 1998		
Percent Field Work Completed 95%	**Percent Project Completed** 92 %	

1.) Shipped approximately 3,047 tons of non-hazardous lead soil to the Kestrel Hawk Landfill. 2.) Excavated approximately 2,100 cubic yards of soil from Grids 34, 36, 37, 39, 40, 42 and 43. 3.) Stabilized approximately 2,100 cubic yards of TCLP lead soil. 4.) Continued sampling and laboratory analysis to support excavation and stabilization confirmation. 5.) Received clean confirmation sample results for Grids 30, 32, 33, 34, 37, 39,40, 42 and 43. Several Grids are effected by the road and will be excavated next week. 6.) Mobilized a dozer to begin final grading of site. 7.) Received approximately 180 cubic yards of backfill dirt. 8.) Secured site for the Christmas Holiday. Wednesday December 23 was the last workday this week.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Forward look preparation by the project manager. 4.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) No excavation within 2 feet of the high pressure gas line along the eastside of the site.

Problems Encountered: None this period.

Recommendations: None at this time.

Key Personnel Changes: None this period.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** December 25, 1998	
Project Location: North Chicago, IL	**Report No:** 021	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Complete the excavation of remaining grids and roadway. 2.) Complete the stabilization of excavated soil. 3.) Continue T&D of contaminated soil to the Kestrel Hawk Landfill. 4.) Continue sampling and chemical analysis to support excavation confirmation and stabilization. 5.) Continue final site grading. 6.) Obtain additional backfill material as required. 7.) Rebuild haul road as required to complete T&D of waste. 8.) Crews will not work on new year's day but will work over the weekend if necessary.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 19,476 cubic yards of TCLP lead soil have been excavated and stabilized. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 34,545 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 26,111 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 1,598 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 50 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,348 cubic yards of backfill dirt and stone has been delivered to the site.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 01, 1999	
Project Location: North Chicago, IL	**Report No:** 022	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9562	**Telefax No:** (630) 759-5518	
Reporting Period: December 26, 1998 to January 01, 1999		
Percent Field Work Completed 96%	**Percent Project Completed** 94 %	

1.) Shipped approximately 862 tons of non-hazardous lead soil to the Kestrel Hawk Landfill. 2.) Excavated approximately 800 cubic yards of soil from haul road grids 36, 37, 43 and 42. 3.) Stabilized approximately 750 cubic yards of TCLP lead soil. 4.) Continued sampling and laboratory analysis to support excavation and stabilization confirmation. 5.) Received clean confirmation sample results for road grids 36, 37, 43 and 42. 6.) No work was performed on-site on January 1, 2 and 3 due to New Years day and a snow storm that hit on January 1st.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Forward look preparation by the project manager. 4.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) Due to weather conditions, no additional backfill or final grading will be performed until next spring. The USEPA and USACE will determine the extent of additional backfill and grading.

Problems Encountered: 1.) The material being excavated from the haul road came up in large frozen chunks and required additional handling to break into manageable size pieces. Also some of the chunks that were in contact with the TCLP slag were scraped with the excavator to remove the slag.

Recommendations: None at this time.

Key Personnel Changes: None this period.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 01, 1999	
Project Location: North Chicago, IL	**Report No:** 022	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Complete the excavation of remaining grids and roadway. 2.) Complete the stabilization of excavated soil. 3.) Continue T&D of contaminated soil to the Kestrel Hawk Landfill. 4.) Continue sampling and chemical analysis to support excavation confirmation and stabilization. 5.) Begin tear down and demobilization of unused equipment and materials.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 20,276 cubic yards of TCLP lead soil have been excavated and stabilized. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 37,768 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 29,334 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 1,110 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 49 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,348 cubic yards of backfill dirt and stone has been delivered to the site.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 08, 1999	
Project Location: North Chicago, IL	**Report No:** 023	***Page*** 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9562	**Telefax No:** (630) 759-5518	
Reporting Period: January 2, 1998 to January 8, 1999		
Percent Field Work Completed 98%	**Percent Project Completed** 96 %	

1.) Shipped approximately 1,819 tons of non-hazardous lead soil to the Kestrel Hawk Landfill. 2.) Excavated approximately 450 cubic yards of soil from haul road grids 39 and 40. Also removed visual slag from grid 39 Excavation is now complete. 3.) Stabilized approximately 450 cubic yards of TCLP lead soil. Stabilization of soil is now complete. 4.) Continued sampling and laboratory analysis to support excavation and stabilization confirmation. 5.) Received clean confirmation sample results for road grids 39 and 40. 6.) No work was performed on-site on January 1, 2 and 3 due to New Years day and a snow storm that hit on January 1st. 7.) Cut a truck exit in the western fence to allow disposal trucks to exit site more expeditiously if needed.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) Due to weather conditions, no additional backfill or final grading will be performed until next spring. The USEPA and USACE will determine the extent of additional backfill and grading.

Problems Encountered: 1.) Weather conditions impacted the number of trucks available for loading. 2.) Solvent odor noticed in creek on 1/5/99 possibly due to release from EMCO. 3.) Had to use excavator to break frozen road base and asphalt into manageable sized pieces. Also scraped slag from some of the pieces. 4.) Snow clearing on-site was necessary on 1/4/99 due to 18" of snow over the weekend.

Recommendations: None at this time.

Key Personnel Changes: None this period.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 08, 1999	
Project Location: North Chicago, IL	**Report No:** 023	***Page*** 1

Work Anticipated to be Performed the Following Week: 1.) Continue and complete T&D of contaminated soil to the Kestrel Hawk Landfill. 2.) Import enough gravel or fill material to eliminate fall hazards near the side walk area on the south side of the site. 3.) Complete tear down and demobilization of all equipment, materials and personnel. 4.) Made arrangements with landfill to haul on Saturday 1/ 9/99.

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 20,726 cubic yards of TCLP lead soil have been excavated and stabilized. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 39,587 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 31,153 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 1,110 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 49 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,348 cubic yards of backfill dirt and stone has been delivered to the site.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 15, 1999	
Project Location: North Chicago, IL	**Report No:** 024	*Page* 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9562	**Telefax No:** (630) 759-5518	
Reporting Period: January 9, 1998 to January 15, 1999		
Percent Field Work Completed 100%	**Percent Project Completed** 97 %	

1.) Shipped approximately 3,097 tons of non-hazardous lead soil to the Kestrel Hawk Landfill. The T&D of soils is complete. 2.) Excavated approximately 6" of soil from soil stockpile areas. 3.) Obtained 6 confirmation samples of the stockpile areas and submitted the samples to EMT Laboratory for total lead analysis. 4.) Received results back indicating that additional excavation may be necessary in the stockpile areas. 5.) Completed the demobilization of all equipment and materials with the exception of the office trailer and the OHM excavator. These items will be demobilized on Monday. 6.) All personnel with the exception of the project accountant were demobilized. 7.) 1 load of stone and 30 loads of fill dirt were delivered to the site to backfill around the south fence line.

ummary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Soil sample analysis performed by EMT Inc. 3.) Project Chemist began assembling date tables and text for the final report. 4.) Procurement and program support as necessary.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) Due to weather conditions, no additional backfill or final grading will be performed until next spring. The USEPA and USACE will determine the extent of additional backfill and grading.

Problems Encountered: 1.) Confirmation sample results received following demobilization indicate that an additional 6" to 1' of soil may need to be excavated from the stockpile storage areas. The excavation and disposal will be performed next spring along with any additional site restoration work USACE may direct.

Recommendations: None at this time.

Key Personnel Changes: With the exception of the project accountant, all personnel have been demobilized from the site.

Work Anticipated to be Performed the Following Week: 1.) Demobilize the excavator and office trailer on Monday anuary 18, 1999. 2.) Maintain guard service until the office trailer is demobilized. 3.) Begin administrative closeout of project (project accountant and project manager). 4.) Continue with final report preparation.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 15, 1999
Project Location: North Chicago, IL	**Report No:** 024 — ***Page*** 1

Unit Price Quantities Reached to Date:

Unit Priced Item	Unit	Quantity to Date	Quantity Anticipated

Other Remarks: 1.) To date 7,414 cubic yards of non-hazardous lead soils have been excavated. 2.) To Date 20,726 cubic yards of TCLP lead soil have been excavated and stabilized. 3.) An additional 1,150 cubic yards of PCB contaminated soil has been excavated. 4.) To date a total of 42,684 tons of non-hazardous soil have been transported to off-site disposal facilities consisting of 8,434 tons to the BFI landfill in Zion, IL and 34,250 tons to the Kestrel Hawk Park Landfill in Racine WI. 6.) To date approximately 1,110 tons of non-hazardous lead / non-TSCA PCB soil has been shipped to the Kestrel Hawk Landfill. 7.) To date approximately 49 tons of non-hazardous stumps and debris have been shipped to the Kestrel Hawk Landfill. 8.) To date approximately 9,810 cubic yards of backfill dirt and stone has been delivered to the site.

Signature:

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 22, 1999	
Project Location: North Chicago, IL	**Report No:** 025	*Page* 1
Name: Thomas W. Warren	**Title:** Project Manager	
Company Name & Address: OHM/IT 1334 Enterprise Drive Romeoville, IL 60446		
Telephone No: (630) 759-9562	**Telefax No:** (630) 759-5518	
Reporting Period: January 16, 1998 to January 22, 1999		
Percent Field Work Completed 100%	**Percent Project Completed** 98 %	

1.) Demobilized office trailer and project accountant on Monday January 18. 2.) The excavator was demobilized on Tuesday January 19. OHM supplied an equipment operator to load the excavator. Sunday January 17 was the last day of on-site guard service. As of Tuesday January 19, all items were demobilized from the site. 3.) Laborer unloaded and put equipment away in the Romeoville shop.

Summary of Work Completed Off-Site: 1.) Program office processed certified payrolls for OHM/IT. 2.) Project manager and chemist performed work on the final report. 3.) Project manager and project accountant worked on administrative close out.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippage's): 1.) Due to weather conditions, no additional backfill or final grading will be performed until next spring. The USEPA and USACE will determine the extent of additional backfill and grading.

Problems Encountered: 1.) Confirmation sample results received following demobilization indicate that an additional 6" to 1' of soil may need to be excavated from the stockpile storage areas. The excavation and disposal will be performed next spring along with any additional site restoration work USACE may direct.

Recommendations: None at this time.

Key Personnel Changes: All personnel have been demobilized from the site.

Work Anticipated to be Performed the Following Week: 1.) Continue with administrative closeout of project (project accountant and project manager). 4.) Continue with final report preparation.

U.S. Army, Corps of Engineers, Omaha District

RAPID RESPONSE

Project Name: Vacant Lot	**For Weeks Ending:** January 22, 1999	
Project Location: North Chicago, IL	**Report No:** 025	***Page*** 1

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