

### DEPARTMENT OF FLEET AND FACILITY MANAGEMENT CITY OF CHICAGO

January 17, 2014

Mr. Steve Faryan On-Scene Coordinator U.S. Environmental Protection Agency Region 5 (SC-5J) 77 W. Jackson Blvd. Chicago, IL 60604

Re: Remediation Activities City Right of Way 947 W. Cullerton Street Chicago IL 60604

Dear Mr. Faryan

The City of Chicago (the City) is submitting a combined work plan and summary report for the above referenced parcel located adjacent to the former Loewenthal Metals site. The document provides detail of a limited removal activity in the City's right of way to address elevated lead levels identified by the U.S Environmental Protection Agency (USEPA) during its activities on the Loewenthal Metals Site. At the USEPA's request and with its technical assistance, the City performed a limited soil removal beginning on September 30, 2013 and completed onsite work October 11, 2013.

The City of Chicago's Department of Fleet and Facility Management provided technical assistance to the Chicago Department of Transportation and secured an emergency contractor to conduct sampling and soil disposal activities.

The attached summary provides details of the sampling and remediation work completed. If you have any questions, please feel free to call me 312-745-4034.

Sincerely,

Dave Graham

### City Right of Way Work Adjacent to Former Lowenthal Metals Site

The following is a summary of the work performed by the City's Department of Fleet and Facility Management (2FM) on behalf of the Chicago Department of Transportation (CDOT) to address elevated levels of lead in City right of way. CDOT is responsible for the maintenance and use of the City's rights of way and requested 2FM's expertise in evaluation and remediation required to mitigate hazardous waste lead in soil identified by USEPA during its work on the former Lowenthal Metal Site (LMS).

### Background

Based on USEPA documents, the Loewenthal Metals property historically operated as a lead smelting facility during the 1940's. The company is also listed in the 1948-49 Standard Metal Directory under aluminum and lead smelter, scrap iron, and metal importers, and exporters of scrap metal. The lead smelter ceased operations in the early 1950's.

Based on USEPA sampling originating on the LMS, it collected additional soil samples east of LMS and west of City of Chicago pedestrian path. The analytical results (see Attachment 1) were reviewed and indicated the potential for characteristically hazardous lead in the soil. USEPA provided its available data, survey and ownership information, via email on August 27, 2013. Based on property ownership records and survey information, the City confirmed the following soil samples collected by USEPA are on City right of way: LM-SB24, LM-SB26, LM-SB28 and LM-SB28. Presumably, lead contamination on the City right of way is due to historical operations on the Loewenthal Metals site.

The City (2FM and its Department of Law) participated in numerous discussions with the USEPA and evaluated the existing site conditions, activity by USEPA contractors and its schedule for mobilization and demobilization from the Lowenthal Metals site. Based on levels of lead contamination observed in soil samples collected in the City's right of way, the City determined it would initiate a limited removal activity on September 23, 2013. SET Environmental Inc (SET), an emergency contractor for the City of Chicago, was procured to complete all sampling, monitoring and soil removal activities. At USEPA's request, based on discussions with Steve Faryan (On Scene Coordinator for the LMS) and Thomas Williams (attorney for USEPA), the City agreed to delay its removal activities until September 30<sup>th</sup>, 2013to accommodate USEPA concerns with respect to having multiple active contractors working on or near LMS.

### **Scope of Work**

### Task 1 – Pre-excavation and Mobilization Activities

### Subcontractor Procurement and Health and Safety Plan

2FM emergency contractor (SET) provided a quote for sampling, construction activities related to remediation activities, oversight, ambient air monitoring and landfill disposal coordination. As part of it normal site mobilization, a standard health and safety was used and a pre-safety meeting was performed prior to starting onsite activities.

<u>Define Extent of Excavation</u> – 2FM met onsite with USEPA (Steve Faryan) to define the proposed extent of excavation based on existing information (see Attachment 2). Excavation activities were planned to remove soil to an approximate depth of two or three feet, dependent on the field screening and laboratory analysis of soil conditions. Field screening with an X-Ray fluorescence (XRF) analyzer was completed to measure the total lead concentrations in soil and evaluate the presence of characteristically hazardous waste levels for lead (5 mg/l) based on observations from soil removal activities by USEPA on the LMS. The final depth of excavation was determined based on soil sample collection and analysis by an approved and accredited laboratory. Soil analysis for lead in resultant TCLP extraction. STAT Analysis Corporation (the same laboratory used by USEPA in its evaluation of LMS) conducted laboratory analysis of soil samples.

<u>Onsite Meeting with Contractor</u> – On September 17<sup>th</sup>, 2013, the City met with its removal contractor SET Environmental Inc. to perform a site walk and confirm extent of the proposed excavation. During the site walk, it was determined overhead electrical lines and an apparent subsurface utility cable would necessitate smaller sized excavation equipment and additional safety precautions to avoid overhead and buried utilities. It was assumed a limited amount of hand digging would be necessary to locate potential utility vaults.

<u>Landfill Disposal Authorizations</u> – SET Environmental Inc. used existing data collected by USEPA to complete landfill acceptance authorization documentation and arranged for disposal of excavated soil, prior to beginning excavation activities:

Characteristically Hazardous Waste Lead Impacted soil was approved for treatment by:

Envirite of Illinois 16435 Center Avenue Harvey Illinois 60426 USEPA ID Number: ILD 000666206 Non-Hazardous Lead Impacted Soil (non-special waste classification) was approved for landfill disposal by:

Republic Services EnvironTech Landfill 1800 Ashley Rd Morris Illinois 60450

<u>Utility Survey</u> – Public utilities were notified using the Illinois Joint Utility Locating Information for Excavators (Julie) locating services and a confirmation number was assigned (376140578) on September 18<sup>th</sup>, 2013. Based on discussions with an ATT representative, a utility vault was present within the right of way and directly below areas of anticipated excavation. The ultimate depth of excavation was anticipated to limited by the actual depth of the utility vault. Handing digging and other safety measures were planned to limit any potential of damaging utilities.

<u>Temporary Construction Fence Construction</u> – Based on discussions with USEPA on September 16<sup>th</sup> and 17<sup>th</sup>, 2013, a portion of the temporary construction fencing used by its contractors to secure the site was under lease by the City. As part of the USEPAs contractor's demobilization, the fencing was relocated from the public was and stored onsite during the week of September 30<sup>th</sup>, 2013. Before starting work, SET planned to install the fence on the perimeter of the excavation area in the City's right of way. The public pedestrian/bike path were planned to be enclosed, as required to ensure public safety.

### Task 2 – Screening and Removal of Lead Impacted Soil

Soils in the area of sample LM-SB24 were field screened with an X-Ray Fluorescence (XRF) in 1-foot depth intervals and initially in an area of 3-feet by 3-feet. XRF and laboratory sample results for lead were compared to USEPA Removal Management Levels (RML) for industrial soil of 800 mg/kg and to the 40 Code of Federal Regulations (CFR) Part 745 Unoccupied Residential Soil Level (URSL) of 1,200 mg/kg.

Based on the results, soil was evaluated for removal and offsite disposal. Additional screening was completed as material was removed and loaded into trucks for landfill disposal or placed in roll-off boxes for offsite treatment.

### Task 3 – Ambient Air Monitoring

During active site operations, SET operated a DataRam air unit to monitor all dust/particulates on Site. The unit was placed near the open excavation and mounted on the fence interior. The action level for nuisance dust was 500 ug/m3. If exceeded, all excavation activities were to stop and amendment of dust control activities were made before continuation of work.

### Task 4 – Dust Control

Temporary fencing consisting of six foot high chain-link fabric with wind screen was placed around the perimeter of the site. A plastic carboy was kept on site to store water from a local fire hydrant for wetting of the excavation. Water was applied to open the excavation and stockpiled material via a pressure washer during excavation activities to minimize the creation of wind borne soil.

### Task 5 - Confirmation Sampling

XRF screening was used to determine excavation depths, define aerial extent and determine locations for soil collection and laboratory analysis. In order to confirm remediation was completed, soil samples were collected (based on XRF measurements) and submitted to STAT to evaluate total lead and TCLP lead remaining in soil. A total of five soil sample locations were planned to a depth of 3-foot based on USEPA's previous soil sample locations (LM-SB-24, LM-SB-26, LM-SB-28, LM-SB-30 and west of LM-SB-32). Field decisions were made based on XRF screening results to determine locations of soil sample collection for laboratory analysis.

### Task 6 – Geotextile Installation/Backfill

Excavation backfilling occurred after review of XRF field screening and soil analytical data. Prior to backfilling, a bright orange geotextile was placed at the base of the excavation. Daylight<sup>®</sup> Orange nonwoven geotextile was used as a visual and physical barrier to remaining soils. Technical specifications are included in Attachment 3.

Depth of backfill ranged from 3-foot on the north end of the excavation (near soil samples exceeding characteristically hazardous waste criteria for lead) to 2-foot on the south end of the excavation.

### **Summary of Field Activities and Observations**

The following is a summary of field activities completed between September 30<sup>th</sup> and October 11th 2013. All work was performed under contract with SET Environmental Inc., under the direction of 2FM. SET completed all required activities for sampling, monitoring, excavation, backfilling and waste disposal in the City right of way for a total of seven working days. A photolog of field activities is included in Attachment 4. SET's daily field logs are included in Attachment 5

### Field Screening and Confirmation Sample Results

Attachment 6 includes final XRF field screening readings and confirmation sample results. Based on USEPA field screening activities and soil sample data, the XRF was used to evaluate lead in the soil, determine extent of require excavation and define confirmation sample locations. A total of seven soil samples were collected (see Attachment 7) and submitted for laboratory analysis; STAT Analysis completed the soil analysis and the laboratory results are provided in Attachment 8.

Based on USEPA sampling data (SB24), it was anticipated soil meeting characteristically<br/>hazardous waste criteria could be encountered on the northern portion of excavation.SET initially collected the following samples and were analyzed for lead:<br/>SB24ROWSB24ROWDepth - 2 feetSB26ROWDepth - 2 feetSoil Sample Results:<br/>Soil Sample Results:25,000 mg/kg

Sample SB24ROW results indicated at a depth of 2-feet, lead was identified above the 5 mg/l criteria of characteristically hazardous waste. Sample SB26ROW was analyzed only for the total lead. However, it was assumed the high concentration would be hazardous.

Prior to excavating additional depth at the locations of samples SB24ROW and SB26ROW, hand digging was conducted to ensure heavy excavation equipment would not contact and potentially damage underground utilities. A light-brown, native clay was encountered several inches below the active excavation (approximately 24 to 30-inches below the original grade) and the final excavation was completed to approximately 3-feet. Soil samples were collected at the bottom of the final excavation (SB24(2)ROW and SB26(2)ROW) based on XRF screening measurements. The results of the soil samples are as follows:

| SB24(2)ROW Depth - 3 feet, | Soil Sample Results: 100 mg/kg; 0.47 mg/l |
|----------------------------|---|
| SB26(2)ROW Depth $-3$ feet | Soil Sample Results: 36 mg/kg; 0.053 mg/l |

Based on these results, lead in soil meeting characteristically hazardous waste criteria was removed from the City right of way.

Additional confirmation sampling was completed in the City right of way, south of the final hazardous waste removal. Based on the results, no soil remains in the City right of way meeting the criteria for characteristically hazardous waste

### Soil Excavation

Location of Soil Excavation – Attachment (2) provides the extent and depth of excavated soil. The final depth of excavation was determined based on XRF field screening and results of confirmation soil samples.

Due to several conditions identified in the field, the excavation was limited to a depth of 2-foot on the portion of the right of way extending beyond the southernmost boundary LMS. First, excavation around an existing utility pole was limited as a protective precaution. Second, an AT&T utility vault and shallow manhole was identified in the area of excavation and visually confirmed at a depth between 3 and 4-foot below grade. Since the XRF readings taken from areas south of the SB24(2)ROW and SB26(2)ROW did not indicate the potential for characteristically hazardous waste lead, limiting the soil excavation to a 2-foot depth was considered appropriate.

Soil tested and confirmed to be hazardous were stored in roll-off boxes, pending final acceptance for treatment and disposal; the remaining non-hazardous soil was loaded directly into trucks for immediate landfilling. The roll-off boxes were removed during completion of excavation backfilling activities. Attachment 9 includes the waste manifests for the soil meeting characteristically hazardous waste for lead.

The total tonnage of material includes: Special waste – 210 tons Hazardous waste – 63 tons

### **Geotextile Installation and Backfilling operations**

Excavation backfilling was completed in several stages during active excavation activities to minimize any tracking of soil by trucks on to the public streets. Crushed limestone was placed at the bottom of the 3-foot excavation as a haul road for truck traffic. The depth of stone varied from approximately 6 to 12-inches

Prior to final backfilling, an orange geotextile was rolled out on to the base of the excavation and overlapped in a manner to cover the entire excavation. The geotextile in combination with 2-feet of soil is acceptable engineered barrier for soil ingestion exposure. The Illinois Environmental Protection voluntary cleanup program (the Site Remediation Program) has previously approved this combination of soil and geotextile for other sites within the City.

Clean clay was place above the limestone to a depth of 1-foot below final existing grade and compacted by an excavator. The top 1-foot of the excavation was backfilled with topsoil.

### **Ambient Air Monitoring and Dust Control Activities**

Monitoring during excavation activities did not observe measurements exceeding the level for nuisance dust of 500 ug/m3. Monitoring levels were between 1.7 ug/m3 and 59.6 ug/m3 for the duration of the work, well below the action level.

### List of Attachments

Attachment 1 – USEPA Soil Sample Results

Attachment 2 – Extent and Depth of Excavation in Right of Way

Attachment 3 - Geotextile Technical Specifications

Attachment 4 – Photographic Log of Field Activities

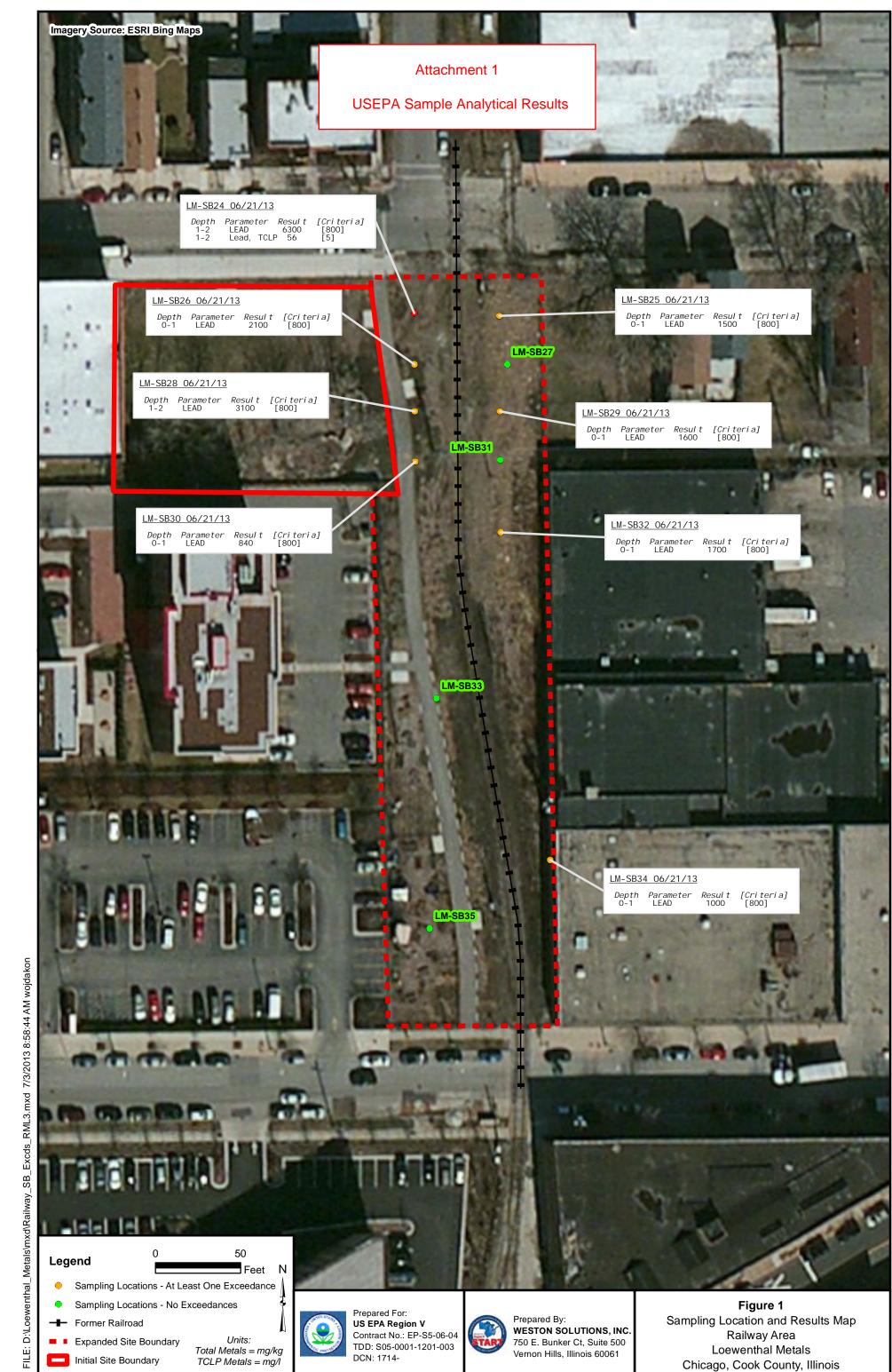
Attachment 5 – SET Daily Field Logs

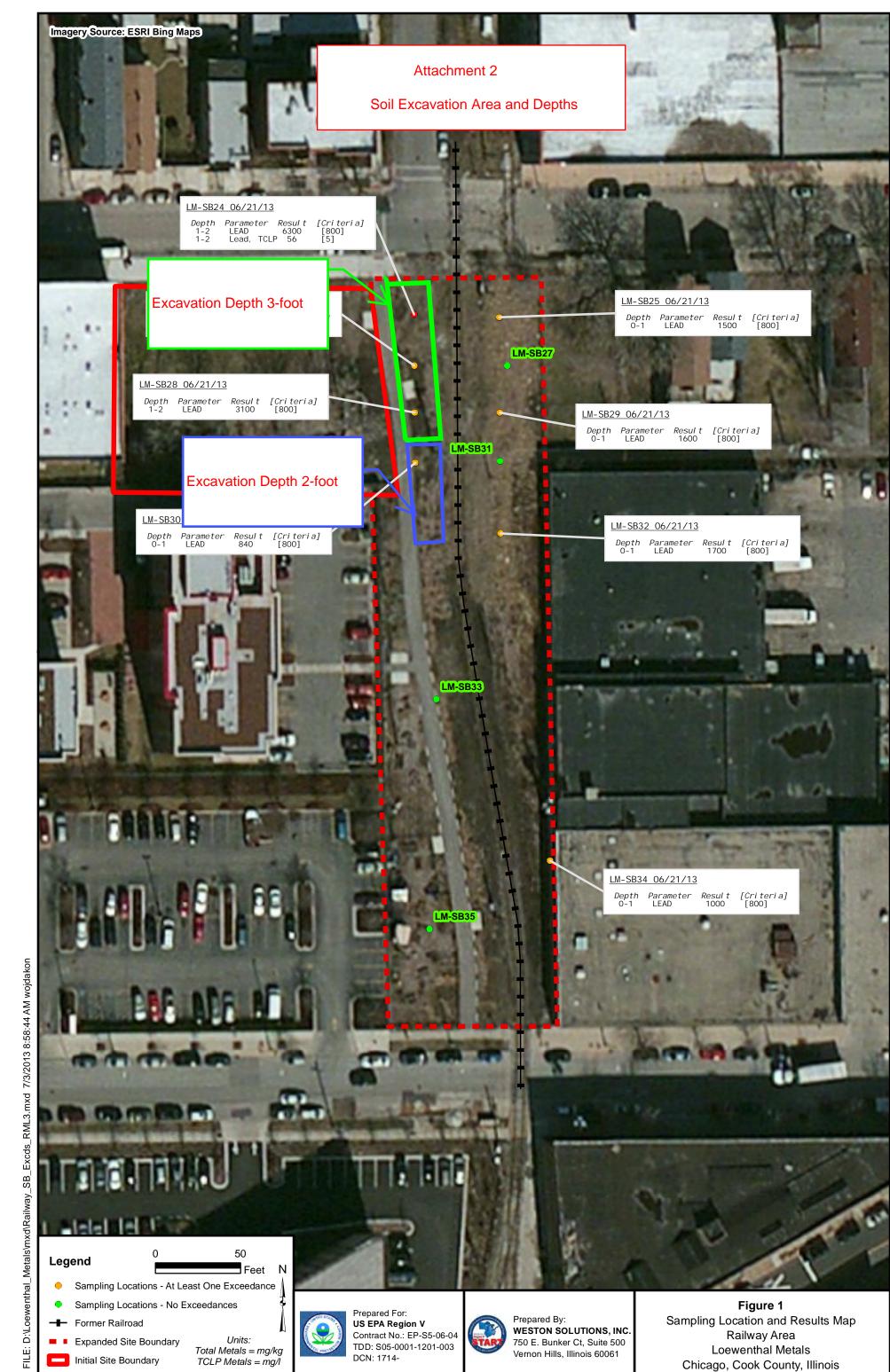
Attachment 6 – XRF Field Screening Measurements and Soil Sampling Results

Attachment 7 – Confirmation Soil Sample Locations

Attachment 8 – Soil Sample Analytical Results

Attachment 9 – Hazardous Waste Manifests





### **DAYLIGHT® ORANGE**

### Attachment 3

# GEOTEXTILE

### Geotextile Technical Specifications

### Daylight<sup>®</sup> Orange Nonwoven Geotextile

Used for soil separation and drainage. Combines high durability with peak physical and hydraulic properties. Manufactured from polypropylene staple fibers, which allows high water flow rates plus durability while still providing excellent soil separation and retention.

- Performs as highly visible nonwoven geotextile
- Resists biological degradation
- Resists naturally encountered chemicals, alkalis, and acids
- Creates separation, filtration and protection
- Useful for "brownfields" and urban gardens
- Meets EPA requirements





### **KEY INFORMATION:**

Daylight Orange<sup>®</sup> is **chemically stable** in a wide range of aggressive environments and provides **cost effective solutions** where soil separation and high permittivity are required. The properties of this geosynthic allows fluids to pass through while **preventing the migration of soil particles**. This allows for water to flow freely downward while discouraging **water absorption upward**.

#### BENEFITS:

- Transforms unusable areas
- Sold in 15' widths
- Allows for faster installation than other like products
- Has excellent physical and hydraulic properties
- Promotes superb soil retention and subsurface drainage
- Acts as visual barrier

| Mechanical Properties                    | Test Method | Unit   |                     | mum Average<br>Roll Value |  |
|--|-------------|--|---------------------|---------------------------|--|
|  |             |  | MD                  | CD                        |  |
| Grab Tensile Strength                    | ASTM D 4632 | N (lbs)  | 401 (90)            | 401(90)                   |  |
| Grab Tensile Elongation                  | ASTM D 4632 | %  | 50                  | 50                        |  |
| Trapezoid Tear Strength                  | ASTM D 4533 | N (lbs)  | 178 (40)            | 178 (40)                  |  |
| CBR Puncture Strength                    | ASTM D 6241 | N (lbs)  | 1113                | (250)                     |  |
| Apparent Opening Size (AOS) <sup>1</sup> | ASTM D 4751 | mm<br>(U.S. Sieve)                                 | 0.25<br>(60)<br>2.0 |                           |  |
| Permittivity                             | ASTM D 4491 | Sec <sup>-1</sup>                                  |                     |                           |  |
| Flow Rate                                | ASTM D 4491 | l/min/m <sup>2</sup><br>(gal/min/ft <sup>2</sup> ) | 5907<br>(145)       |                           |  |
| UV Resistance (at 500 hours)             | ASTM D 4355 | % strength<br>retained                             | 7                   | 0                         |  |

<sup>1</sup> ASTM D 4751: AOS is a Maximum Opening Diameter Value

| Physical Properties                 | Test Method | Unit   | Typical                   | Value                   |  |
|-------------------------------------|-------------|--|---------------------------|-------------------------|--|
| Weight                              | ASTM D 5261 | D 5261 g/m <sup>2</sup> (oz/yd <sup>2</sup> ) 136 (4 |                           | (4.0)                   |  |
| Thickness                           | ASTM D 5199 | mm (mils)  | 0.9 (                     | 35)                     |  |
| Roll Dimensions<br>(width x length) | <i></i>     | m<br>(ft)  | 3.8 x 110<br>(12.5 x 360) | 4.5 x 110<br>(15 x 360) |  |
| Roll Area                           | -           | m <sup>2</sup> (yd <sup>2</sup> )                    | 418 (500)                 | 502 (600)               |  |
| Estimated Roll Weight               | -           | kg (lb)  | 60 (133)                  | 70 (160)                |  |

Available at



### Attachment 4

### Geotextile Technical Specifications





Truck loading activities

(facing south west)

Picture 1

Truck loading activities behind perimeter fencing

(facing south east, viewed from the street)

Picture 2



Truck loading activities

(facing north west)







Dataram air monitor within perimeter fencing during excavation activities

(east perimeter of excavation)

Picture 4

Trucking activities

(southern portion of excavation facing north towards Cullerton Ave)

Picture 5

Excavation activities on northend of right-of-way

(facing northwest towards Cullerton Ave)



Excavation Activities on northend of right-of-way, initial removal of abandoned rail spur. Note orange markings for utility locations

(facing north towards Cullerton Ave)

Picture 7

Excavation activities along asphalt path; hand digging in preparation for sawcutting of abandoned rail spur.

(facing northwest)

Picture 8

Initial excavation activities along asphalt path. Note proximity to utility manhole (AT&T vault) and electrical pole.

(facing north towards Cullerton Avenue)







Initial excavation activities along asphalt path.

(facing west)

Picture 10

Initial excavation activities along asphalt path, south of former Lowenthal Metals Site.

(facing west)

Picture 11

Excavation activities along asphalt path, south of former Lowenthal Metals Site. Note gravel placed for trucks hauling soil.

(facing northwest)







Excavation facing south, XRF measuring activities.

(facing south)

Picture 13

Hand digging on north end of site to evaluate potential depth of utility vault. Note presence of native clay in shallow hole.

Picture 14

Continued excavation along asphalt path and directly above utility vault.

(facing south)







Excavated area of hazardous material on north end, along Cullerton Ave.

(facing west)

Picture 16

Bottom of final excavation prior to installation of geotextile.

(facing north)

Picture 17

Beginning installation of geotextile.

(facing south)







Continued installation of geotextile.

(facing north)

Picture 19

Placement of clean soil above geotextile.

(facing north)

Picture 20

Grading of clean soil to final grade.

(facing northwest)



Final site grade.

(facing south)

Attachment 5 SET Daily Field Log Environmental, Inc FIELD ACTIVITY LOG Project Name: City of Chicago Address: 947 W. Cullerton Date: 09 30/13 Project #:1309 1180 City: Chicked Weather Conditions Temperature: 50 - 70's Wind Direction/Speed: 5-10 Precipitation: None Cloudy or Foggy: CECTA Check Specific Tasks to Complete by End of Shift POVIEW H& 5 PLAN & AREA of Pb CONTAMINEARIN SECURE GITE FROM' PUBLIC UNLOAD EQUIPMENT START TO DIG ARCA Time Project Notes 0653 Wheel loader being dropped Annine at site, befor is too big for our work area 6745 PATTEN CALLED TO PULL LOADER AND DROP 17 K 162. EXCAVATOR FENCE STAKTED TO BE MOVED TO SOCATE AND CONTAIN WORK AREA Ed. 0900 FONCE PROVIDED By COC EBENJOMENT AARINOES FROM PATTER. ARA TO BE DUG ONT 15 STARTED AT BACK ON South END ALONG BILLE PAKI. 10 30 Consert 1200 DIGARLy CONTRADUTS FENCE BTILL BOARD MOUD. 12-32 1330 PORA APOT DIBOPED 1430 Di Gounde Box DAY Completo Anot Affor 20x20 Dul out 2 DEDR GOIL STOCK PILLED FOR LOAD OUT FIRST THIRL AM ON TUES. CREW LOANES SITE SHE GAFE & LOCILLO WI CNOW BACK @ Sheep 1530 545 CREW OFF CLOCK MW. Leyson MWL PAGE 1 OF

| SETER   |                                       |
|---|---------------------------------------|
|   |                                       |
| Address: 947 W. Courseton City: Correct Marco   | Date: 10/1/13                         |
| Address: 947W, Courseron City: Corrych Chuckero                                       | State:                                |
| Weather Conditions  |                                       |
| Temperature: 50-30 Wind Direction/Speed: 10-15 Precipitation:                         | Cloudy @ Foggy:                       |
| Check Specific Tasks to Complete by End of Shift                                      |                                       |
|   | · ·                                   |
| Air Monitoring - dust monitoring of amblent air<br>XRF Sampling @ base of excavation. |                                       |
| ERCHWATE Soics / LOAD INTO END DOMP SEMIS TO  | MORALIS IL                            |
| WET SOILS TO INHIBITE DUST  | - 3 - 3 - 3 - 3                       |
|   | -                                     |
| Time IProject Notes   | (Dist Levia                           |
| 8:30 First truck loaded. Air monitoring O ug/m3                                       | ing Im2                               |
| 9:43 Second truck loaded. " " 0, 26.6,  | \$ 26.6                               |
| 1013 320 THULK APPLINES 1045 LEAVES   | 42.1                                  |
| 1115 4 the THUCK ARRIVES 11-50 LEAVES<br>1215 5 the TRUCK ARRIVES 1245 LEAVES         | 47.2                                  |
| 1245 Grhack AKRINGS 13/5 LOAVES   |                                       |
| 1330 7th TRUCK ANRIVOS  | 17.1                                  |
| 1410 TTA TRUCK LEANES   | 21.2                                  |
| 1420 OFF SITE TWA OURS  | 25.3                                  |
| 1515 BACK C. Shep GHOOKS<br>1530 OFF CLOCK  | · · · · · · · · · · · · · · · · · · · |
| I SAU OFF CLOUP   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
|   |                                       |
| MARTIN MARTINE  |                                       |

.

MIKE Lug STEN MUMM PRINT NAME AND SIGN

.

GHAY REFECTS SEISET FORMSFORMS - FIELD NOTES 2012 DOC

.

.

| SEI           | <b>.</b>   |                                       |                  |
|---------------|--|---------------------------------------|------------------|
| Environme     | · · · · · · · · · · · · · · · · · · ·                      | TIVITY LOG                            |                  |
| Discipat N    |  | Project #: 1309-0180                  | Date: 10/2/13    |
|               | ame: CITY of CLICAGO Yb Soils                              | 5 N                                   |                  |
| Address:      | 947W. CULLERTON  | City: ChicAGO                         | State: /L        |
| Weat          | her Conditions   |                                       |                  |
| Temperat      | ure: $60 - 78_5$ Wind Direction/Speed: $5 - 10$            | Precipitation: Nenez                  | Cloudy or Foggy: |
|               | Specific Tasks to Complete by End of Shift                 |                                       |                  |
|               | EXCAUATE BOTH HAZ & N.                                     | WHAZ TO SOILS F                       | OR DISPOSAL      |
|               | MONITOR AIR QUALITY & L                                    | UET SOILS EN DUS                      |                  |
|               | SPOT Check BOILS FOR                                       | TOTAL METALS                          |                  |
|               | ASSIST CALC DILLOMATE POSS, a                              | ZND YHASE of DIGAN                    | cot.             |
|               |  |                                       | · · · ·          |
| Time          | Project Notes  |                                       |                  |
| 2530          | C Shop AND LOAD UP MIE                                     | 5C. EQUIPMENT                         | AIR QUALITY      |
| 0630          | C SITE PREP WORLL AREA                                     |                                       | Ug/M3            |
| 1645          | START AIR ROMP FOR DUST                                    | e.                                    | 201              |
| 725           | FIRST TRUCK AMPINES TO L                                   |                                       | 19.6             |
| <i>(</i>      | Soil & Boynhi WETTED For Do.                               | ST CONTRACT                           | 8.1              |
| 0800          | A  | · · · · · · · · · · · · · · · · · · · |                  |
| 830           | AIR MONITOR CLA<br>DAVE FROM COC CR.S. MEAS                | ino Presser de                        | 9.6              |
|               |  |                                       |                  |
|               | AREA TO THE South of AREA BEAR.<br>POWN TO THE NOXT R.D.W. |                                       |                  |
|               | AUGANGE WIDTH of 11' SPOT                                  | LocArons Picked                       | FORXRE           |
|               | SPOT SAMPLES TO BE Ch                                      | ecker a                               |                  |
| 1000          | RREDIGGING HIGHER Conder The                               |                                       | O. POLLOFF       |
| ·             | BOX AMINAL TO REMAUE RAI                                   |                                       |                  |
| 010           | METER PERDIAL  |                                       | 59.6.            |
| 030           | POLL-OFF ARRIVES   |                                       | ·                |
| 1040          | LOADING BEGINS   | ·                                     | 35.8             |
| 1120          | LOAD LOANING   |                                       | Z1.3             |
|               | METOL READING  |                                       | 17.1             |
|               | ZND ROLL OF ARMINES  |                                       | 1.7              |
| 19/10         | METOL READING  | <u> </u>                              | 2.9              |
| 1430          | 2ND ROLLOFFLigg 1153                                       | · · · · ·                             |                  |
| 1500          | 3 RD ROLL OFF ANNIVES                                      |                                       | 612              |
| و المراجعة ال |  | ·                                     |                  |

.

PRINT NAME AND SIGN

PAGE \_\_\_\_\_ OF \_\_\_\_

. .

07 IN MOYTER 4019 DOC 20100

|                   | and a second |                                       | <u></u>                               |  |              | 1<br>24 5.5.4 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 |
|-------------------|--|---------------------------------------|---------------------------------------|--|--------------|---|
| <u>sfi</u> ‱      |  |                                       |                                       |  |              |   |
| Environmental, In | E FIELD  | <b>LACTIVITY</b>                      | LOG CONT                              | INUATIO                                | N SHEET      |   |
|                   | init in  |                                       |                                       | A Mado                                 | Date: 10/2/  |   |
|                   | 947 WCourseron   | <u>F</u>                              | Project #: 1709                       | -0180                                  | / <u>-</u> / | 13  |
| \ddress:          |  |                                       | City:                                 |  | State:       |   |
|                   | oject Notes  | Part in                               |                                       |  |              | 7   |
| 5 30 6            | ND Meta  | pervial,                              | j                                     | <u>.</u>                               | 16.          | (<br>   |
| 1545 0            | FF STE<br>FF CLOCK   |                                       |                                       |  |              |   |
| atio o            | FPCLOEF  |                                       |                                       |  | ·            |   |
|                   | -  |                                       |                                       |  | . <u>-</u>   | •<br>   |
|                   |  | -                                     |                                       | •<br>•                                 |              |   |
|                   |  | · · ·                                 |                                       |  |              |   |
|                   |  |                                       |                                       |  | ,<br>,       |   |
|                   |  | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | , <u> </u>                             |              |   |
|                   |  |                                       |                                       |  |              |   |
|                   |  |                                       |                                       |  |              | · ·   |
|                   | · · · · · · · · · · · · · · · · · · ·  |                                       |                                       |  |              |   |
| · · ·             |  |                                       | · · · · ·                             |  | <u></u>      |   |
|                   | · · · · · · · · · · · · · · · · · · ·  |                                       | · · ·                                 |  |              |   |
|                   |  |                                       |                                       | ······································ |              |   |
|                   | t<br>  |                                       |                                       | <u> </u>                               |              |   |
|                   | · ····································   |                                       |                                       |  | •            | · · · · · · · · · · · · · · · · · · ·         |
|                   |  |                                       |                                       |  | <u>.</u>     |   |
| •.                |  |                                       | -                                     |  |              |   |
|                   |  |                                       |                                       |  |              |   |
|                   |  |                                       |                                       |  |              |   |
|                   |  |                                       |                                       | <u> </u>                               |              |   |
|                   | •  |                                       | · · · · ·                             |  |              |   |
|                   |  | · · · · ·                             |                                       |  |              | -   |
|                   | • • •  |                                       | ·····                                 |  |              |   |
|                   |  | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |  | -<br>-       | -<br>   |
|                   | · · · · · · · · · · · · · · · · · · ·  | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | :                                      |              |   |
|                   |  |                                       | · · · · · · · · · · · · · · · · · · · | ;<br>;                                 |              |   |

PRINT NAME AND SIGN

۰.

PAGE \_\_\_\_\_ OF \_\_\_\_

. .

| Environme | FIELD AC                                       | riwity log                            |  |
|-----------|--|---------------------------------------|--|
| Project N | Lame: CITY of Chucaho Pb Sous                  | Project #: 1309-0180                  | Date: 10/3/13  |
|           | 947 W, Counton                                 | City: ChicAGO                         |  |
| Address.  | 7710; Coudion                                  | Chierre                               | State: 1   |
| Weat      | her Conditions                                 |                                       |  |
| Tempera   | ture: 50 - 80 s Wind Direction/Speed: 5-10     | Precipitation:                        | Cloudy of Foggy:   |
| Check     | Specific Tasks to Complete by End of Shift     |                                       |  |
|           | BRCANATE SOILS . LOND .                        | IT Fol. Discosfic                     |  |
|           | MONITON AIR QUALITY                            | <u> </u>                              |  |
|           | MONITON AIR QUALITY<br>BPOT Check GOILS W/ XPF |                                       |  |
| · ·       |  |                                       |  |
|           |  |                                       |  |
|           |  |                                       |  |
|           | Project Notes                                  |                                       |  |
|           | 2-5 Lof COAD OF                                | <u> </u>                              |  |
| 0545      |  |                                       | Ug/m <sup>3</sup>  |
|           | AIR MONITON STARTED PENIC                      | anHSS P. MATATA                       | 15 6.2   |
| 10645     | ACTIVITIES, SET SITE UP R                      | ADY EAL PRIVILS                       | D O.L  |
|           | of STONE TO BUILD UP FOR                       | Fulthed BACAUATIN                     | <i>l</i> <sub>1</sub> .  |
| 0720      |  |                                       | 30.1   |
| 0820      | FIRSTTRUCK of 3" STONE AND                     | 1/21023                               | 321  |
| 0915      | 2NO TRUCK of STONE Dump                        | =Di PLACED                            | 6.7  |
| 945       | 320 TRUCK DIMPED & PLA                         | CED AND LOADED                        | ef   |
| 107-      | 6016   |                                       |  |
|           | 2ND TRUCK LOAD ED AND G                        |                                       | 17.6   |
| 1100      | 3 RD TRUCK LORD AND                            | <u>Olong</u>                          | 22:7   |
|           |  |                                       |  |
|           |  | · · · · · · · · · · · · · · · · · · · |  |
|           | · · · · · · · · · · · · · · · · · · ·          | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · ·  |
|           |  | · · · · · · · · · · · · · · · · · · · |  |
|           |  |                                       |  |
|           |  | ,•                                    |  |
|           |  | ·····                                 |  |
|           |  |                                       | · ·  |
| · ·       |  | <u></u>                               | and a second |

.

,

PAGE \_\_\_\_\_ OF \_\_\_\_\_

N

FIELD ACTIVITY LOG Project Name: CITY of Chicaho to Bours Dig Project #: 1309-01180 Date: 10 /7/13 City: Chicalas Address: 749 W. Course Ton State: 11 Weather Conditions Wind Direction/Speed: 5-15 Precipitation: Norles Cloudy or Foggy: Temperature: 50-60, Check Specific Tasks to Complete by End of Shift FOCIEVE MORE EQUIPMENT EXCAULATE AND LOAD POLL FOFFS W/ 26 GOICS MONITOR AIR QUALITY POR DUST SPOT CHECK SOILS W/ XRE METER SAMPLE SOILS FUT CLOUSON Time Project Notes 530 C Shop LOAD WP MAND TOOLS, PLOASKA-ETC LEAVES Shop davo ARRIVE ON SITE OPON SITE FOR WORK SET UP AIR MOTH 0 100 RENT PITE ANNUS W/ MINI 3 MOSTH BUCKET EXCANATOR ロヨョ SPOT Check THE HOT SPOTS FROM THURS. 10/3/13 AND Aponto 55+14 STILL READIRG 6500 APM For FIRST ROLL OFF STANTS BENCLOADE つちょう FUCE DURNLY EXCANATION CLAY GEAM FORD 1000 FILST ROLLORIE ower THAN PALVIOSEY DUGOST WILL CONTINUE TO A Bour 1 CLAY ~ PUADNUSS FROM XIZF ARE IN THE Doval TO -100 plm NANHE. 1030 RE-DIGGING DOUN TO 2044 BEAM RE SPET Checkab. W/ XRF ZAD ROLLAFF AMMUES ROLLOFF FULL AND GONE SAMPLIC at AREA SAMPLAG COMPLETE ALONG W/ DECON of EQUIPMENT 430 OFF SITE TO STOPE LAD TO TROP SAMPLOS BACKE Shart CLEAN OUT & RESTER 1445 1545 OFFCLOCK 10.00 PAGE ( OF PRINT NAME AND SIGN

|  |                             | · · · ·              | •                                     |
|--|-----------------------------|----------------------|---------------------------------------|
| A Contraction of the second se | FIELDAC                     | TIMITY LOG           |                                       |
| Project Name: COC  | · ·                         | Project #: 1309-1180 | Date: 10/10/13                        |
| Address: 497 44. C   | <u>Cullerfon</u>            | City: Chicago        | State: 1                              |
| Temperature:   | Wind Direction/Speed:       | Precipitation:       | Cloudy or Foggy:                      |
| and the second   | to complete by End of Shift | backEM               | · · · · · · · · · · · · · · · · · · · |
| DZG 155 Tru  | ck arvives                  |                      |                                       |
| 0730 2 mg<br>0745 3 mg<br>0750 4th<br>0800 Kent Rit<br>1035 5 th<br>1100 6 th<br>1105 7 th<br>1145 8 th  | e arriveg with              | Fracked 5 Kill Loa   | der                                   |
|  |                             |                      | · · · · · · · · · · · · · · · · · · · |
| 1400 Leaving-  | site                        |                      |                                       |
|  |                             |                      |                                       |
| Kyle Cauter<br>PRINTNAME AND SIGN  | Kyle Cart                   |                      | page <u>l</u> of <u>1</u>             |

•

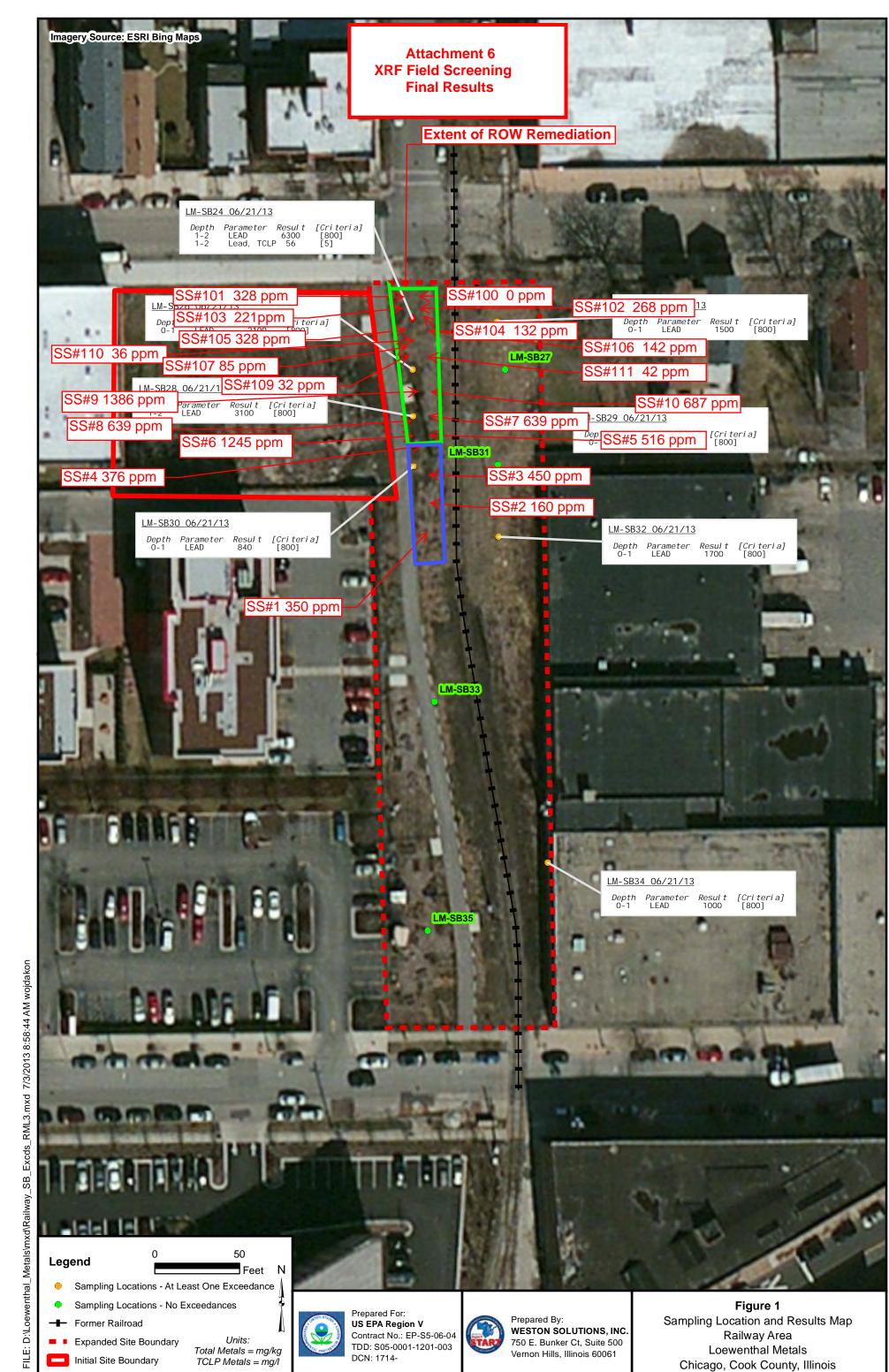
| EVENENTIAL ENERGY OF Chicago Project #: /309-/180 Date: 10/11/13<br>Address: 4977 U. C. Menton City: Chicago State: IL<br>Weather Conditions<br>Temperature: Wind Direction/Speed: Precipitation: Cloudy or Foggy:<br>Check Specific Jasks to Complete by End of Shift<br>Place for soil<br>Demobilize   |    |
|--|----|
| Address: 497 10, Cullenton       City: Chicago       State: IL         Weather Conditions       Wind Direction/Speed:       Precipitation:       Cloudy or Foggy:         Check       Specific Tasks to Complete by End of Shift       Place       Yof Soil         Place       Yof Soil       Place       Yof Soil         Demobrilitie       Project Notes       Yof Soil       Yof Soil   |    |
| Address: 497 111 Cullenton       City: Chicago       State: IL         Weather Conditions       Wind Direction/Speed:       Precipitation:       Cloudy or Foggy:         Check       Specific Tasks to Complete by End of Shift       Cloudy or Foggy:       Cloudy or Foggy:         Check       Specific Tasks to Complete by End of Shift       Cloudy or Foggy:       Cloudy or Foggy:         Place       Yop 5.01       Place       Yop 5.01       Place       Yop 5.01         Place       Yop 5.01       Place       Yop 5.01       Yop 5.01       Yop 5.01       Yop 5.01         Place       Yop 5.01       Yop 5.01       Yop 5.01       Yop 5.01       Yop 5.01       Yop 5.01         Place       Yop 5.01   |    |
| Weather Conditions       Wind Direction/Speed:       Precipitation:       Cloudy or Foggy:         Check       Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Place       Yop Spil       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Place       Yop Spil       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Image: Place       Yop Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Image: Place       Yop Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Image: Place       Yop Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift         Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to Complete by End of Shift       Image: Check of Specific Tasks to |    |
| Check Specific Tasks to Complete by End of Shift<br>Place for soil<br>Demobilize   |    |
| Place for soil<br>Demobilize<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I<br>I  |    |
| Imes     Project Notes   |    |
| Imes     Project Notes   |    |
|  |    |
|  |    |
|  |    |
| 0630 Annihe an side moster have indes have the S brieding  |    |
|  |    |
|  |    |
| 0725 - 2 trucks 124, 131<br>0800 1 truck #140  |    |
| 2830 City inspector annives & asks for our permit  | E- |
| - f call bave ovanam & They work if out  |    |
|  |    |
|  |    |
|  |    |
|  | •  |
|  |    |
|  |    |
|  |    |
|  |    |
|  |    |
|  |    |
|  | ·  |
| PAGE OF PAGE OF  |    |
|  |    |

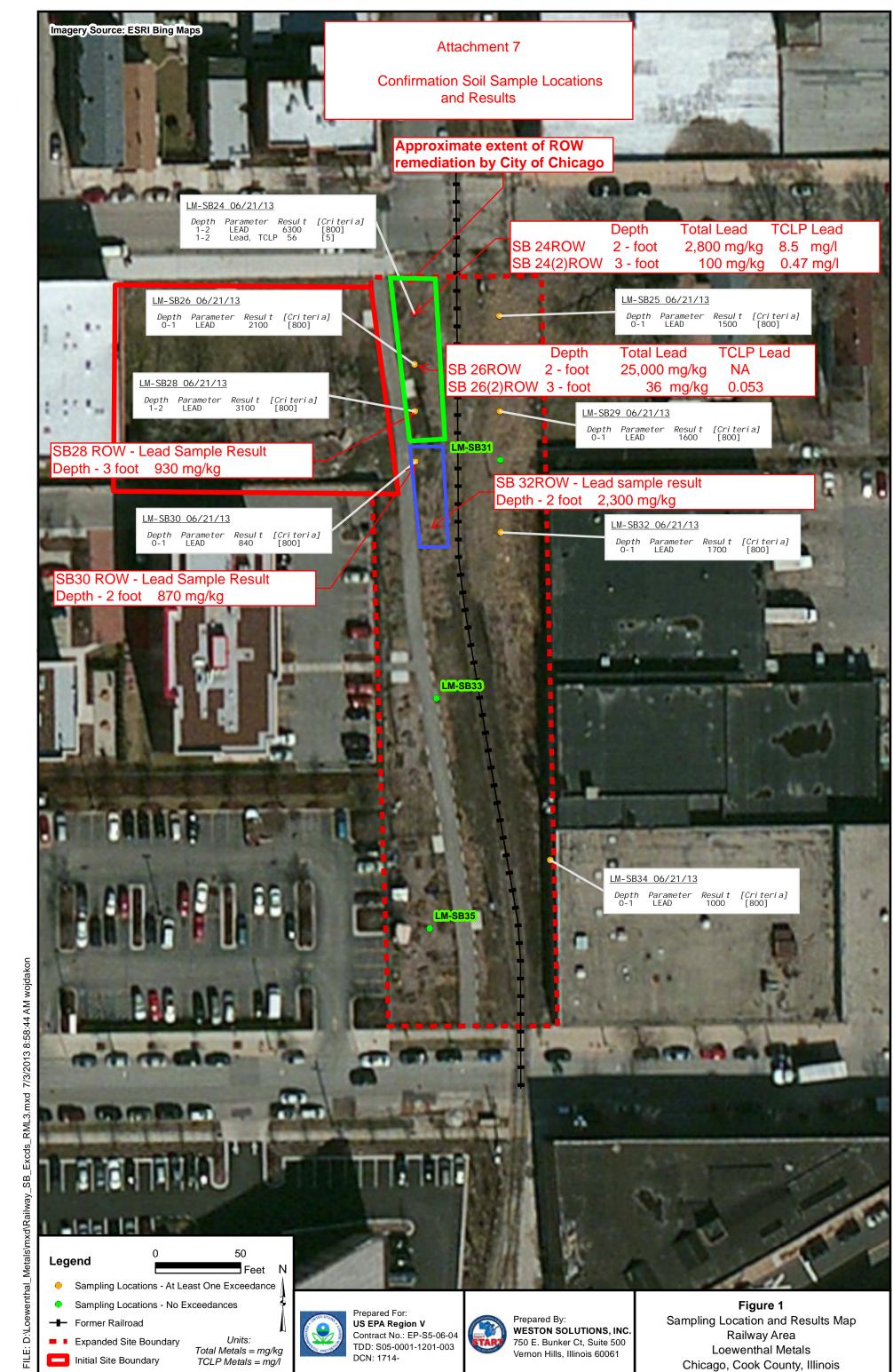
•

·

9/30/13-10/2/13 - APPiret de Lin LOCATON de Lin COC Prop. Lin FIED CALIBILATION -551 3 0, SPOTSAMPLE READING 61552e vil 557 1 350 ppm ATT VAULT 1,55#4 55#2-160 ppm P.P. # 55# 5 450 PPM 65# 4 376 PPM 55+5 ARCA of 516 ppm \$-5\$5 tost 65<sup>#</sup>6 CONTAININATION. 22 1245 ppm 55#7 342 55#9 # 757 639 NOW 55#9 1386 J<sup>\_SSB</sup> 50 687 1716 551 5512 1910 5513 672 5 n 559 5514 6640 Cont. - 5510 3515 268 PAD ł ŚŚ 5516 2222 Ž, 201 02 C+3 E14 ≠-'15 Ð -16 BIKE PATH. EXPOSED HEALING CONTAMINATION. E CULLORTOR ROW SAGRAMON Row

947W. COLLOKTON AVE, ChICAGO, 12 Mich Wyster 10/1/13 Kyle CANTOR CHRIS BEAN JUSTA BOR POCAN SANGAMON 160. HEDCALIBRATED AT DACH STAPTPP. Ő. JATOD 10/1/13 SPOTSAMPLE Ũ HECKS WXRF AREA of Ŋ) EXCAUATION EXCAUATION 9/30-10/3 55# {8M Þ 100 101 3ZG 46 102 103 221 104 132 ARCA of REN-DIG 105 328 142 106 85 197 ć 20 '0 B 32 09 36 10 42 1012 \$H5 11 125 12 6119 67 48 13 4 13 26(2) P.O.W 19/2/13 112 114 76 115 55#116 116# 48 \$11 10/2 1174 27 p-108 106 35 4-\$110 ANDA REDIOUSCY The History of 104--ACBO CLOUGER ContAmin Aron SAMPLE LOCADONS ¢ /QJ 5AME AS 24120W 503 102 AND 26 POW ,24(2) ROW 10/7/13 TAKENON 10/2/13 55# /IT 55 100 155#101 CULLATON R.O.W





**STAT** Analysis Corpora 2242 West Harrison St., St Tel: (312) 733-0551 Fax: Accreditation Numbers: IF

Attachment 8

**Confirmation Soil Sample Results** 

1160; NVLAP LabCode 101202-

October 03, 2013

SET Environmental, Inc. 450 Sumac Road Wheeling, IL 60090 Telephone: (847) 537-9221 Fax: (847) 537-9265

RE: City of Chicago, 947 W. Cullerton Ave, Chicago, IL

STAT Project No 13100052

Dear SET Environmental, Inc.:

STAT Analysis received 4 samples for the referenced project on 10/2/2013 1:40:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

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

Sincerely,

Craig Chawla Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

## **STAT** Analysis Corporation

| Client:    | SET Environmental, Inc.                            |                           |
|------------|--|---------------------------|
| Project:   | City of Chicago, 947 W. Cullerton Ave, Chicago, IL | Work Order Sample Summary |
| Lab Order: | 13100052   |                           |

| Lab Sample ID | Client Sample ID | Tag Number | <b>Collection Date</b> | Date Received |
|---------------|------------------|------------|------------------------|---------------|
| 13100052-001A | SB24 R.O.W       |            | 10/2/2013 1:00:00 PM   | 10/2/2013     |
| 13100052-002A | SB26 R.O.W       |            | 10/2/2013 1:10:00 PM   | 10/2/2013     |
| 13100052-003A | SB28 R.O.W       |            | 10/2/2013 1:20:00 PM   | 10/2/2013     |
| 13100052-004A | SB30 R.O.W       |            | 10/2/2013 1:30:00 PM   | 10/2/2013     |

### **STAT** Analysis Corporation

#### 2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: October 03, 2013 Date Printed: October 03, 2013

| Client:<br>Project:                  | SET Environmental, Inc.<br>City of Chicago, 947 W. ( | Cullerton Ave,         | Chicag              | o, IL |      | Lab Ord           | <b>er:</b> 13100052          |                                 |
|--------------------------------------|--|------------------------|---------------------|-------|------|-------------------|------------------------------|---------------------------------|
| Lab ID:                              | 13100052-001   |                        |                     |       | Coll | ection D          | ate 10/2/2013                | 1:00:00 PM                      |
| Client Sample II                     | SB24 R.O.W   |                        |                     |       |      | Mat               | rix: Soil                    |                                 |
| Analyses                             |  | Result                 | RL                  | Quali | fier | Units             | DF                           | Date Analyzed                   |
| Metals by ICP/MS                     |  | <b>SW6020</b><br>2800  | <b>(SW30</b><br>1.2 | 50B)  | r    | Prep<br>mg/Kg-dry | Date: <b>10/3/2013</b><br>20 | Analyst: JG<br>10/3/2013        |
| TCLP Metals by I<br>Lead             | CP/MS  | <b>SW1311</b> /<br>8.5 | / <b>6020 (</b> 3   | SW300 | 5A)  | Prep<br>mg/L      | Date: <b>10/3/2013</b><br>5  | Analyst: <b>JG</b><br>10/3/2013 |
| Percent Moisture<br>Percent Moisture |  | <b>D2974</b><br>22.1   | 0.2                 | ×     |      | Prep<br>wt%       | Date: <b>10/2/2013</b><br>1  | Analyst: VA<br>10/3/2013        |
| Lab ID:                              | 13100052-002   |                        |                     |       | Coll | ection D          | ate 10/2/2013                | 1:10:00 PM                      |
| Client Sample II                     | SB26 R.O.W   |                        |                     |       |      | Mat               | rix: Soil                    |                                 |
| Analyses                             |  | Result                 | RL                  | Quali | fier | Units             | DF                           | Date Analyzed                   |
| Metals by ICP/MS                     |  | <b>SW6020</b><br>25000 | <b>(SW30</b><br>51  | 50B)  | r    | Prep<br>mg/Kg-dry | Date: 10/3/2013<br>1000      | Analyst: JG<br>10/3/2013        |
| Percent Moisture<br>Percent Moisture |  | <b>D2974</b><br>11.5   | 0.2                 | *     |      | Prep<br>wt%       | Date: <b>10/2/2013</b><br>1  | Analyst: VA<br>10/3/2013        |
| Lab ID:                              | 13100052-003   |                        |                     |       | Coll |                   | ate 10/2/2013                | 1:20:00 PM                      |
| Client Sample II                     | SB28 R.O.W   |                        |                     |       |      | Mat               | rix: Soil                    |                                 |
| Analyses                             |  | Result                 | RL                  | Quali | fier | Units             | DF                           | Date Analyzed                   |
| Metals by ICP/MS                     |  | <b>SW6020</b><br>930   | (SW30<br>5.2        | 50B)  | r    | Prep<br>mg/Kg-dry | Date: 10/3/2013              | Analyst: JG<br>10/3/2013        |
| Percent Moisture                     |  | <b>D2974</b><br>19.0   | 0.2                 | *     |      | Prep<br>wt%       | Date: 10/2/2013              | Analyst: VA<br>10/3/2013        |

|             | ND - Not Detected at the Reporting Limit            | RL - Reporting / Quantitation Limit for the analysis |
|-------------|---|--|
| Qualifiers: | J - Analyte detected below quantitation limits      | S - Spike Recovery outside accepted recovery limits  |
| Qualifiers: | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits             |
|             | HT - Sample received past holding time              | E - Value above quantitation range                   |
|             | * - Non-accredited parameter                        | H - Holding time exceeded                            |

### **STAT** Analysis Corporation

#### 2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: October 03, 2013 Date Printed: October 03, 2013

| Client:<br>Project:                | SET Environmental, In<br>City of Chicago, 947 V |                      | , Chicago,   | IL       | Lab Orde          | er: 13100052                  |                                 |  |  |  |  |  |  |  |  |  |
|------------------------------------|---|----------------------|--|----------|-------------------|-------------------------------|---------------------------------|--|--|--|--|--|--|--|--|--|
| Lab ID:<br>Client Sample           | 13100052-004<br>• <b>ID:</b> SB30 R.O.W         |                      | <b>Collection Date</b> 10/2/2013 1:30:00 PM<br><b>Matrix:</b> Soil |          |                   |                               |                                 |  |  |  |  |  |  |  |  |  |
| Analyses                           |   | Result               | RL Q   | ualifier | Units             | DF                            | Date Analyzed                   |  |  |  |  |  |  |  |  |  |
| Metals by ICP/<br>Lead             | MS  | <b>SW602</b><br>870  | <b>0 (SW3050</b><br>5.3  | ,        | Prep<br>mg/Kg-dry | Date: <b>10/3/2013</b><br>100 | Analyst: <b>JG</b><br>10/3/2013 |  |  |  |  |  |  |  |  |  |
| Percent Moistur<br>Percent Moistur |   | <b>D2974</b><br>13.8 | 0.2  | *        | Prep<br>wt%       | Date: <b>10/2/2013</b><br>1   | Analyst: VA<br>10/3/2013        |  |  |  |  |  |  |  |  |  |

**Qualifiers:** 

ND - Not Detected at the Reporting Limit

- J Analyte detected below quantitation limits
- B Analyte detected in the associated Method Blank
- HT Sample received past holding time
- \* Non-accredited parameter

- RL Reporting / Quantitation Limit for the analysis
- S Spike Recovery outside accepted recovery limits
- R RPD outside accepted recovery limits
- E Value above quantitation range
- H Holding time exceeded

| S        | TAT Analysis Cor   | nois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 947 W. Cullerton An |         |          |                |                  |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
|----------|--|--|---------|----------|----------------|------------------|----------|--------------|---|------------|--|-----|---------------|----------|--|-----------------|----------------|------------|-----|------|-------|----------|----------|--|-------------|-------------|
|          | 2242 W. Harrison Suit<br>e-mail address: STAT  | info@STAT.   | Analysi | is.com   | Phone:<br>AIHA | I, NV            | LAP      | and          | Fax: (312<br>VELAP a<br>OF CUS  | ccred      | ited   |     | OR            | D        |  |                 | Nº             | <u>,</u> { | 35  | 26   | 11    |          | Pa       | ge :                                   | of          | 1           |
|          | mpany: SERENTI   | XXXXXX   |         |          | k Cn           | -y a             | Z        | -the re      | A-60  | P.O.       | No.  | :   |               | T        |  | i komen av 1933 | <u></u>        | 9<br>      |     |      |       |          | _ 1 4    | 5                                      |             | <b>├</b> ── |
| -        | Company: Societ Number: 1309-0180 Client Tracking No.:   |  |         |          |                |                  |          |              |   |            |  | •   |               |          |  |                 |                |            | 7   | 7    |       | 7        | 77       | 77                                     | 77          | 7           |
| Pro      | piect Name: 7494)  | Curre  | mon -   | TOAL     | ST             | 7                |          |              |   | Quo        | te N   | o.: |               | -        |  |                 | / /            | / /        | / / | //   |       |          | / /      | ///                                    | ///         |             |
| Pro      | oject Location: 5ANC   | AMON   | R.      | O. W.    | Sor            | .)74-            | td.      | 10           | MAG   | 777        | ,  |     | -             |          |  | / /             | / /            | / /        | / / | / /  |       | //       | //       | .//                                    | ///         | -           |
| Sa       | pject Location: 5ANC   | IN A STR   | 32      |          |                |                  |          |              |   |            | -  |     |               | ennend   |  | / /             | / /            | / /        |     | / /  |       | //       | / /      | //                                     |             | 1Ve         |
| Re       | PORT TO: DAVE GRAL   | Am   | ]       | Phone: 3 | 3127           | 744              | 13       | 63           | 9   |            |  |     | V.            |          | / /  | / /             |                |            | //  | /    |       | .//      | / /      | //                                     | Turn Aro    | ound.       |
| Ĥ        | ET- MIKELIVING   | STON   | F       | Fax. LE  | 222            | 24               | 128      | 3 <u>8 c</u> | 679   |            |  | ,   | Ø             |          |  |                 | X              | Y          | / / | / /  |       |          | / /      |  | \$DAL       | 4           |
|          | C Level: 1 2 3   | 4  |         | e-mail:  |                |                  |          |              |   |            | 4  | KI) |               | 1        |  | b)              | ۲× ,           | Ż          |     | //   |       |          | //       | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Results Nec | ded:        |
|          | lient Sample Number/Descrip  | otion: Date  | Talian  | Time     | irix.          | np.              | ab       | erv.         | No. of  | <b>1</b> . | ß  |     | <b>/</b>      | /        | h  | Y,              | b              | ¥ /        | /   | /    | /     | .//      | 18       | 141.                                   | /2, am      | ı/pm        |
|          | ment Sample Number/Descrip   | Date   | Такеп   | Taken    | Matrix         | Comp.            | Grab     | Preserv      | Containers  | 13         | II.  | X,  | / /           |          | Y,   |                 | $\checkmark$ / | / /        | / / | / /  |       |          | Ren      | narks                                  | Lab N       | lo.:        |
|          | \$324 R.O.U  | 5 10/  | 2/13    | 1300     |                |                  | X        | Ø            | 2   | 志          |  |     | ,             | X        | *  | A               |                |            |     |      | T     |          |          |  | 00          | )/          |
| :        | SB26 R.O. W  | $) \left  0 \right _{2}$   | 2/13    | 1310     |                |                  | X        | Ø            | 2   |            | Y  |     |               | X        | THE AL   |                 |                |            |     |      |       |          |          |  | 00          | 2           |
|          | 5BZER.O.W.   | - 10/Z   | /13     | 1320     |                |                  | ΊX       | Ø            | 2   |            | H  |     |               | <b>_</b> | and the second sec |                 |                |            |     | _    |       |          |          |  | 000         |             |
|          | 5B 30 R.O.W.   | - 1/2/   | 13      | 1330     |                |                  | $\times$ | Ø            | 1   | ₩.         | 4/   |     |               | X        | <b>\$</b>  |                 |                |            |     |      |       |          |          |  | 60          | 4           |
| I        |  |  |         |          |                |                  |          |              |   | ļ          |  |     |               |          |  |                 |                |            | _   |      |       | L        |          |  |             |             |
|          |  |  |         |          |                | -                |          |              |   | ļ          |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             | ·····       |
|          |  |  |         |          |                |                  |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          | ,                                      |             |             |
|          |  |  |         |          |                | +                |          |              |   |            |  | -+  |               |          |  |                 |                |            | +-  |      |       |          |          |  |             |             |
| -        |  |  |         |          |                |                  |          |              |   | +          |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
| -        |  |  |         |          |                | -                |          |              |   | <u> </u>   |  | -+  |               |          |  | $\rightarrow$   |                |            | +-  |      | +     |          |          |  |             |             |
| -        | <u></u>  |  |         |          |                |                  |          |              |   |            |  |     |               | +        | +  | -+              |                | -+-        |     |      | +     |          |          |  |             |             |
| $\vdash$ |  |  |         |          |                | +                |          | <u> </u>     |   | +          |  |     | $\rightarrow$ | -+       |  |                 |                |            | +   |      |       | }        |          | ,, <i>.</i>                            |             |             |
|          |  |  |         |          |                | -                |          |              |   |            |  |     |               |          | -+   | -               |                |            |     | +    | +     |          |          |  | -           |             |
| F        |  |  |         |          | ;;             |                  |          |              | <u> </u>  | $\uparrow$ |  |     | -+            |          | +  |                 |                | +          | +   |      |       | <u> </u> |          |  |             |             |
|          |  |  |         |          |                |                  |          |              |   | 1          |  |     |               |          |  |                 |                |            | +   |      |       |          |          |  |             |             |
|          |  |  |         |          |                |                  |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
|          |  |  |         |          |                |                  |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
|          |  |  |         |          |                |                  |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
|          |  | $\mathcal{A}$  |         |          |                |                  |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
| Re       | elinquished by: (Signature)  |  |         |          |                |                  |          |              | Con   | nment      | s:   |     |               | Cit      | y d  | F C             | 4.20           | 48         |     |      | Labor | atory W  | vork Ord | ler No.:                               |             |             |
| Re       | Received by: (Signature)<br>termquistice by: (Signature)<br>Date/Time: 10/2//2//2//2//2//2//2//2//2//2//2//2//2/ |  |         |          |                |                  |          | Pr           | Comments: City of Chizage Laboratory Work Order No.:<br>Project Site: 947 W. Cullerton Ann<br>Chizage LT<br>Received on Ice: Yes No |            |  |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
|          | Received by: (Signature)   |  |         |          |                |                  |          | -            | (hverse int   |            |  |     |               |          |  |                 |                |            |     | - Po |       |          | 1,7      |  |             |             |
| -        | eceived by: (Signature)  | Į V  |         |          | Date           | / I Ime·         |          |              |   |            | Received on Ice; Yes       No         Preservation Code: $A = None$ $B = HNO_3$ $C = NaOH$ |     |               |          |  |                 |                |            |     |      |       |          |          |  |             |             |
| Re       | eceived by: (Signature)  | 10   |         |          |                | /Time:<br>/Time: |          |              |   |            |  |     |               |          |  |                 |                |            |     |      |       |          |          | ature:                                 | a tha       |             |

#### Sample Receipt Checklist

| Client Name SET                                       |                |                  | Date and Tin | ne Received:   | 10/2/2013 1:40:00 PM |
|---|----------------|------------------|--------------|----------------|----------------------|
| Work Order Number 13100052                            |                |                  | Received by: | DO             |                      |
| Checklist completed by:                               | Date           | 0/2/13           | Reviewed by  | FC<br>Initials | 10/2/13<br>Date      |
| Matrix:   | Carrier name:  | Client Delivered | 1            |                |                      |
| Shipping container/cooler in good condition?          |                | Yes 🗸            | No           | Not Present    |                      |
| Custody seals intact on shippping container/cooler?   |                | Yes              | No           | Not Present    |                      |
| Custody seals intact on sample bottles?               |                | Yes              | No           | Not Present 🔽  |                      |
| Chain of custody present?                             |                | Yes 🔽            | No 🗌         |                |                      |
| Chain of custody signed when relinquished and receiv  | ved?           | Yes 🖌            | No           |                |                      |
| Chain of custody agrees with sample labels/containers | s?             | Yes 🗹            | No           |                |                      |
| Samples in proper container/bottle?                   |                | Yes 🗸            | No           |                |                      |
| Sample containers intact?                             |                | Yes 🗹            | No           |                |                      |
| Sufficient sample volume for indicated test?          |                | Yes 🔽            | No           |                |                      |
| All samples received within holding time?             |                | Yes 🗹            | No 🛄         |                |                      |
| Container or Temp Blank temperature in compliance?    |                | Yes 🗹            | No 🗌         | Temperature    | 22.9 °C              |
| Water - VOA vials have zero headspace? No             | VOA vials subm | litted           | Yes          | No 🔄           |                      |
| Water - Samples pH checked?                           |                | Yes              | No 🔟         | Checked by:    |                      |
| Water - Samples properly preserved?                   |                | Yes              | No           | pH Adjusted?   |                      |

Any No response must be detailed in the comments section below.

Comments:

COC states unspecific TCLP analysis

Client / Person contacted:

TCLP lead.

Nike Livingston Date contacted: 10/2/13 Contacted by: Frank (. (phone)

Response:

6 of 6

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

October 08, 2013

SET Environmental, Inc. 450 Sumac Road Wheeling, IL 60090 Telephone: (847) 537-9221 Fax: (847) 537-9265

RE: 1309-01180, City of Chicago, 947 Cullerton

STAT Project No 13100203

Dear SET Environmental, Inc.:

STAT Analysis received 2 samples for the referenced project on 10/7/2013 2:50:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

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

Sincerely,

Craig Chawla Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

| Client:<br>Project:<br>Lab Order: | SET Environmental, Inc<br>1309-01180, City of Ch<br>13100203 |            | Work Orde              | er Sample Summary |
|-----------------------------------|--|------------|------------------------|-------------------|
| Lab Sample ID                     | Client Sample ID   | Tag Number | <b>Collection Date</b> | Date Received     |

Lab Sample ID Client Sample ID

13100203-001A 24(2) R.O.W 13100203-002A 26(2) R.O.W

| Collection Date      | Date Receive |
|----------------------|--------------|
| 10/7/2013 2:00:00 PM | 10/7/2013    |
| 10/7/2013 2:10:00 PM | 10/7/2013    |
|                      |              |

#### 2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: October 08, 2013 Date Printed: October 08, 2013

| Client:<br>Project:                 | SET Environmental, In<br>1309-01180, City of ( |                         | erton                 |           | Lab Ord           | ler: 1310020                | 3                            |
|-------------------------------------|--|-------------------------|-----------------------|-----------|-------------------|-----------------------------|------------------------------|
| Lab ID:                             | 13100203-001                                   |                         |                       | Col       | lection D         | ate 10/7/201                | 3 2:00:00 PM                 |
| Client Sample I                     | <b>D:</b> 24(2) R.O.W                          |                         |                       |           | Mat               | rix: Soil                   |                              |
| Analyses                            |  | Result                  | RL                    | Qualifier | Units             | DF                          | Date Analyzed                |
| Metals by ICP/M<br>Lead             | S  | <b>SW6020</b><br>100    | ( <b>SW30</b><br>0.53 | •         | Prep<br>mg/Kg-dry | Date: <b>10/8/20</b><br>10  | 13 Analyst: JG<br>10/8/2013  |
| TCLP Metals by<br>Lead              | ICP/MS   | <b>SW1311/</b><br>0.47  | 6020 (\$<br>0.005     | SW3005A)  | Prep<br>mg/L      | Date: <b>10/8/20</b><br>5   | I3 Analyst: JG<br>10/8/2013  |
| Percent Moistur<br>Percent Moisture | e  | <b>D2974</b><br>17.5    | 0.2                   | *         | Prep<br>wt%       | Date: <b>10/7/20</b> 7      | I3 Analyst: SDA<br>10/8/2013 |
| Lab ID:                             | 13100203-002                                   |                         |                       | Coll      | lection D         | ate 10/7/201                | 3 2:10:00 PM                 |
| Client Sample I                     | <b>D:</b> 26(2) R.O.W                          |                         |                       |           | Mat               | rix: Soil                   |                              |
| Analyses                            |  | Result                  | RL                    | Qualifier | Units             | DF                          | Date Analyzed                |
| Metals by ICP/M<br>Lead             | S  | <b>SW6020</b><br>36     | <b>(SW30</b><br>0.54  |           | Prep<br>mg/Kg-dry | Date: <b>10/8/20</b><br>10  | I3 Analyst: JG<br>10/8/2013  |
| TCLP Metals by<br>Lead              | ICP/MS   | <b>SW1311/</b><br>0.053 | <b>6020 (</b>         | SW3005A)  | Prep<br>mg/L      | Date: <b>10/8/20</b> 7<br>5 | I3 Analyst: JG<br>10/8/2013  |
| Percent Moistur<br>Percent Moisture | e  | <b>D2974</b><br>13.4    | 0.2                   | *         | Prep<br>wt%       | Date: <b>10/7/20</b> 7      | I3 Analyst: SDA<br>10/8/2013 |

|             | ND - Not Detected at the Reporting Limit            | RL - Reporting / Quantitation Limit for the analysis |
|-------------|---|--|
| Qualifiers: | J - Analyte detected below quantitation limits      | S - Spike Recovery outside accepted recovery limits  |
|             | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits             |
|             | HT - Sample received past holding time              | E - Value above quantitation range                   |
|             | * - Non-accredited parameter                        | H - Holding time exceeded                            |

# SET Environmental, Inc. 13/06203

CO

### Chain of Custody Record

| 450 Sumac Road, Wheeling, IL 60090 Ph: 847-53  | 37-9221 * Fax: | 847-537 | 7-9265   | ~~~~                                 | v.setenv.a | com                              |                       |                     |         |         |        | coc      | C#:                    | 2     | 93    | 14 |   |                     |           |
|--|----------------|---------|--|--------------------------------------|------------|----------------------------------|-----------------------|---------------------|---------|---------|--------|----------|------------------------|-------|-------|----|---|---------------------|-----------|
| Client: City of Chicago<br>Address: 947 Courton<br>Phone #: 246880679x #:<br>P.O. #: 1309-01180 Proj #: 1309<br>Client<br>Contact: MIKELIVIASTON<br>Sampler: MIKELIVIASTON | -0118c         |         | Sample<br>1. Waste<br>2. Drinking<br>3. Soil<br>Contain<br>P-Plastic<br>G-Glass<br>Preserve<br>1. None | Water<br>g Water<br><b>er Type</b> : |            | ial<br>Bag                       | O-Other               |                     |         |         | 2 PL   | ALPD     |                        |       | naly  |    |   |                     |           |
| Sample I.D. / Drum Numbers   | Sample<br>Type | С       | 2. H2SO4<br>ontain<br>Type   | er                                   | 4. NaOH    | Sam                              | меОн<br>pling<br>Dațe | 8. Other<br>Time    |         | rvation | 77.1   | 7a51     | •                      |       |       |    |   |                     |           |
| Z4(2) R.O.W.   | Soll           |         |  | 7                                    |            |                                  |                       | 1400                |         |         | +      |          |                        |       |       |    |   |                     | NAKE (POR |
| $\frac{24(2)20\omega}{24(2)20\omega}$  | SOIL           |         |  | 1                                    |            |                                  | 10/2                  | 1400                |         |         |        |          |                        |       |       |    | + |                     |           |
| 2(d(z) 120W  | SOIL           |         |  | <br>{                                |            |                                  | 10/-                  | 1410                |         |         | +      | <u> </u> |                        |       |       |    |   |                     |           |
| ZG(2) ROW  | SOIL           |         |  | /                                    |            |                                  | 10/7                  | 1410                |         |         |        |          | $\left  \right\rangle$ |       |       |    |   |                     |           |
|  |                | 10-     |  |                                      |            |                                  | 1.4                   | <b>.</b>            |         |         |        |          |                        | +     |       |    |   |                     |           |
|  |                |         |  |                                      |            |                                  |                       |                     |         |         | 1      | 1        |                        |       |       |    |   |                     | ~~~~      |
|  |                |         |  |                                      |            |                                  |                       |                     |         |         | †      | 1        |                        |       |       |    | - |                     |           |
|  |                |         |  | <u>.</u>                             |            |                                  |                       | <u> </u>            |         |         |        | 1        |                        |       |       |    |   |                     |           |
|  |                |         |  |                                      |            |                                  | <u> </u>              |                     |         |         | 1      |          |                        |       |       |    |   |                     |           |
| $\bigcirc$   |                |         |  |                                      |            |                                  |                       |                     |         |         | 1      |          |                        |       |       |    |   |                     |           |
| Relinquished B: Date 7 Date 7 Date 7 Time: 7 Time: 7 Date: 7 Date: 7 Time: 14/50   | //3            | Recei   | ved By:<br>Hear By:  |                                      |            | Date:<br>Time:<br>Date:<br>Time: |                       | · 7 /<br>: 5<br>/ / |         | Ň       | lotes/ | /Wast    | e Ger                  | nerat | ed:   |    |   |                     |           |
| Relinquished By: Date: /<br>Time: :  | 1              | Recei   | ved By:  |                                      |            | Date:<br>Time:                   |                       | / /<br>:            | <u></u> |         |        |          | -,                     |       |       |    |   |                     |           |
| SPECIAL INSTRUCTIONS:  |                |         |  |                                      |            |                                  |                       |                     |         | eđ.     |        |          |                        |       |       |    |   |                     |           |
| Turnaround Time:     SET Cont       Push (circle one)     2 or 3 day TAT       Routine (5-10 days)     PAVE  |                | 210     | 1N4<br>1   | STON                                 | Lab:       |                                  |                       |                     |         | -       |        |          | d On i<br>iture: ;     | ٨     | bi'er |    |   | NO<br>★<br><br>2007 |           |

Rev. May 2007

### Sample Receipt Checklist

| Client Name SET   |                  | Date and Tim | e Received:   | 10/7/2013 2:50:00 PM |
|---|------------------|--------------|---------------|----------------------|
| Work Order Number 13100203                                      |                  | Received by: | DO            |                      |
| Checklist completed by: Jo<br>Signature Date                    | /7/13            | Reviewed by: |               | Date 10/8/13         |
| Matrix: Carrier name  | Client Delivered |              |               |                      |
| Shipping container/cooler in good condition?                    | Yes 🗸            | No 🗌         | Not Present   |                      |
| Custody seals intact on shippping container/cooler?             | Yes              | No 🗌         | Not Present 🗹 |                      |
| Custody seals intact on sample bottles?                         | Yes              | No 🗌         | Not Present 🗹 |                      |
| Chain of custody present?                                       | Yes 🗹            | No 🗌         |               |                      |
| Chain of custody signed when relinquished and received?         | Yes 🗹            | No 🗌         |               |                      |
| Chain of custody agrees with sample labels/containers?          | Yes 🗹            | No 🗌         |               |                      |
| Samples in proper container/bottle?                             | Yes 🔽            | No 🗌         |               |                      |
| Sample containers intact?                                       | Yes 🗹            | No 🗌         |               |                      |
| Sufficient sample volume for indicated test?                    | Yes 🗹            | No 🗌         |               |                      |
| All samples received within holding time?                       | Yes 🗹            | No 🗌         |               |                      |
| Container or Temp Blank temperature in compliance?              | Yes 🗹            | No 🗌         | Temperatur    | e Ambient °C         |
| Water - VOA vials have zero headspace? No VOA vials subr        | nitted           | Yes 🗐        | No 📓          |                      |
| Water - Samples pH checked?                                     | Yes 🔟            | No 🖾         | Checked by:   |                      |
| Water - Samples properly preserved?                             | Yes 🖻            | No 🗐         | pH Adjusted?  |                      |
| Any No response must be detailed in the comments section below. |                  |              |               |                      |
| Comments:   |                  |              |               |                      |
|   |                  |              |               |                      |
| Client / Person Date contacted:                                 |                  | Conta        | cted by:      |                      |
| Response:   |                  |              |               |                      |
|   |                  |              |               |                      |

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

October 04, 2013

SET Environmental, Inc. 450 Sumac Road Wheeling, IL 60090 Telephone: (847) 537-9221 Fax: (847) 537-9265

RE: City of Chicago, 947 W. Cullerton, Chicago, IL

STAT Project No: 13100101

Dear SET Environmental, Inc.:

STAT Analysis received 1 sample for the referenced project on 10/3/2013 12:55:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

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

Sincerely,

Ela) Frank Capoccia

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

| Client:<br>Project:<br>Lab Order: | SET Environmental, Inc.<br>City of Chicago, 947 W.<br>13100101 |            | Work Orde       | er Sample Summary |
|-----------------------------------|--|------------|-----------------|-------------------|
| Lab Sample ID                     | Client Sample ID   | Tag Number | Collection Date | Date Received     |

13100101-001A 32 ROW

10/3/2013 12:00:00 PM 10/3/2013

#### 2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: October 04, 2013 Date Printed: October 04, 2013

| Client:<br>Lab Order:<br>Project:<br>Lab ID: | SET Environmental, Inc.<br>13100101<br>City of Chicago, 947 W. C<br>13100101-001 | Cullerton, Chica      | igo, IL             | :00:00 PM |                   |                              |                                  |
|--|--|-----------------------|---------------------|-----------|-------------------|------------------------------|----------------------------------|
| Analyses                                     |  | Result                | RL                  | Qualifie  | r Units           | DF                           | Date Analyzed                    |
| Metals by ICP/MS                             | 5  | <b>SW6020</b><br>2300 | <b>(SW30</b><br>1.5 | 950B)     | Prep<br>mg/Kg-dry | Date: <b>10/4/2013</b><br>10 | Analyst: <b>BJA</b><br>10/4/2013 |
| Percent Moisture                             | )  | <b>D2974</b><br>33.5  | 0.2                 | *         | Prep<br>wt%       | Date: <b>10/3/2013</b>       | Analyst: <b>VA</b><br>10/3/2013  |

|             | ND - Not Detected at the Reporting Limit            | RL - Reporting / Quantitation Limit for the analysis |
|-------------|---|--|
| Qualifiers: | J - Analyte detected below quanititation limits     | S - Spike Recovery outside accepted recovery limits  |
|             | B - Analyte detected in the associated Method Blank | R - RPD outside accepted recovery limits             |
|             | HT - Sample received past holding time              | E - Value above quantitation range                   |
|             | * - Non-accredited parameter                        | H - Holding time exceeded                            |

| 150 Sumac Road, Wheeling, IL                             |  | -537-9221 * Fax |      |   |                  | v.setenv.                      |                | den an |               |        |            |        | COC i   | ŧ:    | 293      | 311 |   |         |
|--|--|-----------------|------|---|------------------|--------------------------------|----------------|--|---------------|--------|------------|--------|---------|-------|----------|-----|---|---------|
| Client:<br>Address:<br>Phone #: $3i2.744.363$<br>P.O. #: | ChrcAC/C<br>Currente<br>9 12 606<br>9 For#: 250 2<br>Proj #: | い<br>08         |      | Sample<br>1. Waste<br>2. Drinking<br>3. Soil<br>Contain | Water<br>g Water |                                | -              | 7. Ground<br>8. Other<br>r                 | dwater (fil   | tered) |            |        |         |       | Analy    |     |   |         |
| Client<br>Contact: DAUS GILA<br>Sampler: <u>MIKE La</u>  | HAM/Mike   | Livinhsta       | w    | P-Plastic<br>G-Glass<br><b>Preservo</b><br>1. None      | ative:           | V-VOC N<br>B-Tedlar<br>3. HN03 | Bag            | O-Other                                    | 7. On Ice     |        |            | 3746   |         |       |          |     |   |         |
|  |  | Sample          | C    | 2. H2SO4  | er               | 4. NaOH                        | 6.1<br>Sam     |  | 8. Other      | Preser | <br>vation | -1/~   |         |       |          |     |   |         |
| Sample I.D. / Drum Numl                                  | pers   | Туре            | Size | Туре  | ······           | рН                             | Temp           | Date                                       | Time          | Field  | Lab        |        |         |       |          |     |   |         |
| 32 Row   | ,<br>,<br>,  | 3               | 402  | G   | 2                |                                | 65             | 19/3/13                                    | , <b>1</b> 2æ | No     | NB         | X      |         | _     |          |     |   |         |
|  |  |                 |      |   |                  |                                |                |  |               |        |            |        |         |       |          |     |   |         |
|  | · · ·  |                 |      |   |                  |                                |                |  |               |        |            |        |         |       |          |     |   |         |
|  |  |                 |      |   |                  |                                |                |  |               |        |            |        |         |       |          |     |   |         |
|  |  |                 |      |   |                  |                                |                |  |               |        |            |        |         | _     |          |     | + |         |
|  |  |                 |      |   |                  |                                |                |  |               |        |            | -      |         | _     |          |     |   |         |
|  |  | Annan           |      |   |                  |                                |                |  |               |        |            | -      |         |       |          |     |   |         |
|  |  |                 |      |   |                  |                                |                |  |               |        |            |        |         |       |          |     |   |         |
| Relinquished By:<br>MW Junis                             |  | 55              | 1-   | yed By:   | X                | 5                              | Date:<br>Time: |  | 3 /<br>2:55   |        | P          | lotes/ | Waste   | Gener | ated:    |     |   |         |
| Relinquished By:   | Date: /<br>Time: :   | /               | Kece | ived By:  | -                |                                | Date:<br>Time: | · /  | · /<br>:      |        |            |        |         |       |          |     |   |         |
| Relinquished By:   | Date: /<br>Time:   | 1               | Rece | ived By:  |                  |                                | Date:<br>Time: | /  | / /<br>:      |        |            |        |         |       | - menana |     |   |         |
| SPECIAL INSTRUCTIONS                                     |  |                 | L    |   |                  |                                |                |  |               |        | Į          | _      |         |       |          |     |   |         |
| Turnaround Time:<br><b>Rush</b> (circle one              | SET Co   | ontact:         | ,    |   |                  | Lab:                           |                |  |               |        |            | Dee    | eived ( |       |          | Yes |   | 01<br>A |

### Sample Receipt Checklist

| Client Name SET   |                  | Date and Time | e Received:       | 10/3/2013 12:55:00 PM |
|---|------------------|---------------|-------------------|-----------------------|
| Work Order Number 13100101                                      |                  | Received by:  | TJW               |                       |
| Checklist completed by:   | 3/13             | Reviewed by:  | Em LP<br>Initials | 1013/13<br>Date       |
| Matrix: Carrier name  | Client Delivered |               |                   |                       |
| Shipping container/cooler in good condition?                    | Yes 🗹            | No 🗌          | Not Present       |                       |
| Custody seals intact on shippping container/cooler?             | Yes 🗌            | No 🗌          | Not Present 🗹     |                       |
| Custody seals intact on sample bottles?                         | Yes 🗌            | No 🗌          | Not Present 🗹     |                       |
| Chain of custody present?                                       | Yes 🗹            | No 🗌          |                   |                       |
| Chain of custody signed when relinquished and received?         | Yes 🗹            | No 🗌          |                   |                       |
| Chain of custody agrees with sample labels/containers?          | Yes 🗹            | No 🗌          |                   |                       |
| Samples in proper container/bottle?                             | Yes 🗹            | No 🗌          |                   |                       |
| Sample containers intact?                                       | Yes 🗹            | No 🗌          |                   |                       |
| Sufficient sample volume for indicated test?                    | Yes 🗹            | No 🗌          |                   |                       |
| All samples received within holding time?                       | Yes 🗹            | No 🗔          |                   |                       |
| Container or Temp Blank temperature in compliance?              | Yes 🗹            | No            | Temperature       | e Ambient °C          |
| Water - VOA vials have zero headspace? No VOA vials subm        | nitted           | Yes 🔟         | No 📟              |                       |
| Water - Samples pH checked?                                     | Yes 💷            | No            | Checked by:       |                       |
| Water - Samples properly preserved?                             | Yes 📓            | No 🗐 🕫        | H Adjusted?       |                       |
| Any No response must be detailed in the comments section below. |                  |               |                   | <b>_</b>              |
| Comments:   |                  |               |                   |                       |
|   |                  |               |                   |                       |
| Client / Person Date contacted:                                 |                  | Contac        | ted by:           |                       |
| Response:   |                  |               |                   |                       |
|   |                  |               |                   |                       |

| ase print or type (Form designed f   | or use on elite (12-pitch) typewriter.)  | Box  | 2027   | 513             | 4031             | El         | n Approved. OM | GH )                          |
|--|--|--|--|-----------------|------------------|------------|----------------|-------------------------------|
|  | in use on the (12 pick) (1 | 2 Page 1 of<br>1   | 3. Emergency Respon                                | se Phone        | 4. Manifest      | Tracking N |                |                               |
| 5. Generator's Name and Mailing Ado<br>City of Chicago 2<br>30 N LaSalls Sult<br>Chicago , IL 60<br>Generator's Phone:   |  |  | Generator's Site Addres<br>Chrcago, IL             |                 | an mailing addre | ess)       |                |                               |
| 6. Transporter 1 Company Name<br>SET Environment   | al, Inc.   |  | (  |                 | U.S. EPA ID      |            | 819572         | 36                            |
| 7. Transporter 2 Company Name  |  |  |  |                 | U.S. EPA ID      | Number     |                |                               |
| 8. Designated Facility Name and Site<br>Envirite of<br>16435 Con<br>Harvey, It   | nler Avis.   |  | (708) 5  | 96-7040         | U.S. EPA ID      |            | 006662         | 06                            |
| ga. 9b. U.S. DOT Description (inc  | duding Proper Shipping Name, Hazard Class, ID Numb   | ver,   | 10. Cont   |                 | 11. Total        | 12. Unit   | 13. Was        | le Codes                      |
| HM and Packing Group (if any))<br>RG1. NA3077 Huzan  | dotes waste solid 11.0.3. (19888)  |  | No.  | Туре            | Quantity         | Wt./Vol.   | 8000           |                               |
| 9 PGII   | ERGN (7)   |  | 0  | GM              | 15               | Y          |                |                               |
| 2.   |  |  |  |                 |                  |            |                |                               |
| 3.   |  |  | -  | -               |                  | -          |                | -                             |
| 3  |  |  |  |                 |                  |            |                |                               |
| 4.   |  |  |  |                 |                  |            |                |                               |
| <ol> <li>GENERATOR'S/OFFEROR'S C<br/>marked and labeled/placarded, a<br/>Exporter, I certify that the conter<br/>I certify that the waste minimizat<br/>Generator's/Offeror's Printed/Typed N</li> </ol> | Soil (21340SIECL)<br>ERTIFICATION: Thereby declare that the contents of<br>and are in all respects in proper condition for transport<br>to of this consignment conform to the terms of the atta<br>for statement identified in 40 CFR 262.27(a) (if I am a<br>ame  | according <b>to appli<br/>ched</b> EPA Acknow<br>large quantity gen<br>Sig | cable international and na<br>ledgment of Consent. | ational governm | ental regulation |            |                |                               |
| 16. International Shipments<br>Transporter signature (for exports onl  | Import to U.S.   | Export from I  |  | antry/exit:     | - Den            |            |                | And Ind                       |
| 17. Transporter Acknowledgment of Re<br>Transporter 1 Printed/Typed Name   |  |  | nature   | Car             | a fas            | 0          | Month          | Day Year<br>02/13<br>Day Year |
| 18. Discrepancy  |  |  | -  |                 |                  |            |                |                               |
| 18a. Discrepancy Indication Space  | Quantity Type  |  | Residue  |                 | Partial Re       | ejection   |                | Full Rejection                |
| 18b. Alternate Facility (or Generator)   |  |  | Manifest Referen                                   | ce number.      | U.S. EPA ID      | Number     |                | _                             |
| Facility's Phone:<br>18c. Signature of Alternate Facility (or  | Generalor)   |  |  |                 | 1                |            | Month          | Day Yea                       |
| · VII  | ment Method Codes (i.e., codes for hazardous waste i   | 3.   | ~  | -               | 4.               | 4          |                |                               |
| 20. Designated Facility Owner or Open<br>Printed/Typed Name  | rator: Certification of Receipt of hazardous materials co  |  | lest except as noted in It                         | em 18a          | Pa               |            | Month          | Day Year                      |

DESIGNATED FACILITY TO GENERATOR

| Ple                 | ase print or type. (Form des  | sioned for use on elite  | 12-pitch) typewriter.)      |   | +                        | 120                          | -30                                 | SIE                      | 3405                  | IER<br>For           | n Approved OM | 59483<br>B No. 2050-0039 |
|---------------------|---|--|-----------------------------|---|--------------------------|------------------------------|-------------------------------------|--------------------------|-----------------------|----------------------|---------------|--------------------------|
| 1                   | UNIFORM HAZARDOUS   | 1. Generator ID Numb   | e<br>LR0001775              | and the second se | Page 1 of                |                              | ncy Response<br>7-437               | e Phone                  | 4. Manifes            | Tracking N           |               |                          |
|                     | 5. Generator's Name and Ma<br>City of Chica<br>30 N LaSelle<br>Chicago, L | go-2FM   |                             |   |                          | 947 \                        | s Site Address<br>M. Cuille         | arton                    | an mailing addri      | ess)                 |               |                          |
|                     | Generator's Phone:<br>6. Transporter 1 Company Na                         | ame  | 312.744.3                   | 5038  | _                        | -                            | -                                   |                          | U.S. EPA ID           | Number               |               |                          |
|                     | SET Environ<br>7. Transporter 2 Company Na                                |  |                             |   |                          |                              |                                     |                          | U.S. EPAID            |                      | 8195723       | 36                       |
|                     | 7. Transporter 2 Company Na   | arrie  |                             |   |                          |                              |                                     |                          | US EPAID              | Number               |               |                          |
|                     |   | and Sile Address<br>ite of Illinois<br>5 Center Ave.                     |                             |   |                          |                              |                                     |                          | U.S. EPAID            |                      | 006662(       | 06                       |
|                     | A county of the test  | ey, 1. 60420   |                             |   | _                        |                              |                                     | 98-7040                  | 1                     |                      |               |                          |
|                     | 9a. 9b. U.S. DOT Descri<br>HM and Packing Group (                         |  | ipping Name, Hazard Clas    | ss, ID Number.  |                          | -                            | 10. Conta<br>No.                    | iners<br>Type            | 11. Total<br>Quantity | 12. Unit<br>Wt./Vol. | 13. Wasi      | a Codes                  |
| ATOR -              | 301. NA3077 4   | lazardous waste<br>PGIII ERG# 17   |                             | (800  |                          |                              | 001                                 | cn                       | 15                    | Y                    | D008          |                          |
| GENERATOR           | 2.  | -  |                             |   | -                        |                              |                                     |                          |                       |                      |               |                          |
|                     | 3.  |  |                             |   | -                        | -                            |                                     |                          |                       | -                    |               |                          |
| 1                   | 4.  |  |                             |   |                          | _                            |                                     | -                        |                       | _                    |               |                          |
|                     |   |  |                             |   |                          |                              |                                     |                          | ŧ                     | -                    |               |                          |
|                     | Exporter, I cartify that the  | ROR'S CERTIFICATION:<br>carded, and are in all responses of this consign |                             | or transport accord<br>is of the attached E   | ing to appli<br>PAAcknow | icable intern<br>vledgment o | ational and <b>na</b><br>f Consent. | lional governn           | nental regulation     |                      |               |                          |
| 1                   | Generator's/Offeror's Printed   | Typed Name   | Crychi                      | Carence   | Sig                      | gnature                      | al                                  | Wei                      | in the                | l                    | Month         | Day Year                 |
| INTL                | Transporter signature (for ex   |  |                             |   | coort from               | U.S.                         | Port of e<br>Date lear              | ntry/exit:<br>ving U.S.: | _                     |                      |               |                          |
| RTER                | 17. Transporter Acknowledger<br>Transporter 1 Printed/Typed I             |  | )                           |   | Sic                      | gnature                      | -                                   | -                        | +                     |                      | Month         | Day Year                 |
| TRANSPORTER         | Transporter 2 Printed/Typed   | amata  | 7                           |   |                          | gnature                      |                                     | (en                      | wfa,                  | 0                    | Month         | Day Year                 |
| 1                   | 18. Discrepancy   |  | L                           |   |                          |                              |                                     |                          |                       |                      |               |                          |
|                     | 16a. Discrepancy Indication S   | Spaca 🗌 Quantit  | 1                           | Туре  |                          |                              | Residue                             | to Mumbuse               | Partial R             | ejection             |               | ull Rejection            |
|                     | 18b. Alternate Facility (or Ge  | nerator)   |                             | *   |                          | Mal                          | III BI REIEIEIA                     | 28 Multiper.             | U.S. EPAID            | Number               |               |                          |
| DESIGNATED FACILITY | Facility's Phone:<br>18c. Signature of Alternate Fr                       |  |                             |   | -                        | -                            |                                     | -                        | 1                     |                      | Month         | Day Year                 |
| DESIG               | 19. Hazardous Wasle Report  | Management Method Co   | des (i.e., codes for hazard | dous waste treatme  | anl, disposi<br>3.       | al, <b>and</b> recy          | ling systems)                       |                          | 4                     | -                    | -             |                          |
|                     | 20. Designated Facility Oyne<br>Printed/Typed Name                        | er or Operator: Certificatio   | net receipt of hazardous    | materials covered   |                          | nifest except                | as hored in Ill                     | am 18a                   | 7                     | 1                    | Month         | Day Year                 |
| t                   | A Form 8700-22 (Rev 3.05  | Previous edillons an   | ache                        |   |                          | Augrafia                     | 5                                   | 00                       | tr-                   | 1                    | D ()          | Day Year                 |

Dun oruu-22 (nev. 2-03) Frevious BOIROUS DESIGNATED FACILITY TO GENERATOR

|                     | · • • •  | # 20-40   | J131  | 1051                     | EIL.                  |                              | 59506           |
|---------------------|--|---|---|--------------------------|-----------------------|------------------------------|-----------------|
| Plea                | uniform HAZARDOUS 1. Generator ID Number<br>WASTE MANIFEST   |   | 3. Emergency Respons                                    | e Phone                  | 4. Manifes            | Form<br>t Tracking Nu<br>222 |                 |
|                     | 5. Generator's Name and Mailing Address<br>City of Chicago-2FM<br>30 N LaSalle Suite 300<br>Chicago, IL 60602<br>Generator's Phone: 3  | 12-744-3539   | Generator's Site Address<br>947 W. Culle<br>Chicago, IL | arton                    | in mailing addre      | ess)                         |                 |
|                     | 6. Transporter 1 Company Name  | 12-144-0008   |   |                          | U.S. EPA ID           | Number                       |                 |
|                     | SET Environmental, Inc.  |   |   |                          |                       |                              | 81957236        |
|                     | 7. Transporter 2 Company Name  |   |   |                          | U.S. EPAID            | Number                       |                 |
|                     | 8. Designated Facility Name and Site Address<br>Envirite of Illinois<br>16435 Center Ave.<br>Facilitys Phone: Harvey, IL 60426   |   | (708) 5   | 96-7040                  | U.S. EPA ID           |                              | 00665205        |
|                     | ga. 9b. U.S. DOT Description (including Proper Shipping Name<br>and Packing Group (if any))  | e, Hazard Class, ID Number,   | 10. Conta   |                          | 11. Total<br>Quantity | 12. Unit<br>WL/Vol           | 13. Waste Codes |
|                     | SCI. NA4077 Barathana macha salid  | TO S CINNES   | No.   | Туре                     | Lauanoty              | WILLYON.                     |                 |
| GENERATOR           | 9 PGIT ERG# 171  |   | 001   | CM                       | 15                    | 4                            | 8000            |
| EI CEI              | 3.   |   |   |                          |                       |                              |                 |
|                     |  |   |   |                          |                       |                              |                 |
|                     | 4.   |   |   |                          |                       |                              |                 |
|                     | <ol> <li>Lead Contaminated Soil (J 134 09)</li> <li>GENERATOR'S/OFFEROR'S CERTIFICATION: Thereby de<br/>marked and labeled/placarded, and are in all respects in prop<br/>Exporter, I certify that the contents of this consignment confor<br/>I certify that the waste minimization stafement identified in 40</li> <li>Generator's/Offeror's Printed/Typed Name</li> </ol> | clare that the contents of this consignment<br>er condition for transport according to appli<br><b>m to the</b> terms of the atlached EPA Acknow<br>CFR 262.27(a) (if I am a large quantity ger | cable international and na<br>ledgment of Consent.      | tional governme          | ental regulation:     |                              |                 |
| ţ                   | MELIMELWINGSTON FOM  | City of Chicago ,   | mary We   | tine                     |                       |                              | 100713          |
| INTL                | 16. International Shipments Import to U.S.<br>Transporter signature (for exports only):  | Export from   |   | ntry/exit:<br>ving U.S.: |                       |                              |                 |
| TRANSPORTER         | 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed_Name  | Sic   | nature _  | 13                       | ,                     | _                            | Month Day Year  |
| POR                 | Enic Constano  |   | Ein   | an                       | home                  | JI.                          | 1007113         |
| ANS                 | Transporter 2 Printed/Typed Name   | Sig   | nature  | Pad No.                  | 17                    | 54                           | Month Day Year  |
| F                   |  |   |   |                          | 1                     |                              |                 |
| Î                   | 18 Discrepancy Indication Space Quantity   | Туре  | Residue   |                          | Partial Re            | eyection                     | Fuil Rejection  |
| - F                 | 18b. Alternate Facility (or Generator)   |   | Manifest Reference                                      | s Number:                | U.S. EPA ID           | Number                       |                 |
| CIL                 |  |   |   |                          | -                     |                              |                 |
| DESIGNATED FACILITY | Facility's Phone:<br>18c. Signature of Alternate Facility (or Generator)   |   |   |                          |                       |                              | Month Day Year  |
| SIGN                | 19. Hazanlous Weste Report Management Method Codes (i.e., co   | des for hazardous waste treatment, disposa  | al, and recycling systems)                              | 1                        |                       |                              |                 |
| BO                  | 1. 110 -2.   | 3   | 1   |                          | 4.                    |                              |                 |
| +                   | 20. Designated Fadity Owner or Operator: Certification of receipt of<br>Printed/Typed Name   |   | ifest except as noted in ite                            | em 18a )<br>1000 (c      | 2.f                   |                              | Month Day Year  |

SIGNATED FACILITY TO GENERATOR

| INIFORM HAZARDOUS   | r use on elite (12-pitch) typewriter.)<br>Herator ID Number<br>FLR0001.77592  | 2. Page 1 of  | 3. Emergency Respon  | se Phone<br>7-7455  |                   | t Tracking N                     | n Approved. OI            | JJK   |
|---|---|---|--|---|-------------------|----------------------------------|---------------------------|---|
| Generator's Name and Mailing Addre  | ess<br>M  |   | Generator's Site Addres<br>947 W. Cu'll  | ss (if different ti<br>Bricit i   | an mailing addr   | ess)                             | V V                       | OUIL  |
| 30 N LaSalle Suite<br>Chicago, HL 60<br>enerator's Phone:   |   | 1   | Chicago, IL  | 60608   |                   |                                  |                           |   |
| Transporter 1 Company Name  |   |   |  |   | U.S. EPAID        |                                  |                           |   |
| SET Environmenta<br>Transporter 2 Company Name  | n, mc.  |   |  |   | U.S. EPA ID       |                                  | 819572                    | 36  |
| transporter a company mane  |   |   |  |   | 1                 | - Address                        |                           |   |
| Designated Facility Name and Site A<br>Envirite of<br>16435 Cen   | Hinois  |   |  |   | U.S. EPA ID       |                                  | 006662                    | 0.6   |
| clity's Phone: Harvey , IL  |   |   | (708) 5  | 98-7040   | 1                 |                                  | 57 (J) 40 40 40 40 40     |   |
|   | uding Proper Shipping Name, Hazard Class, ID Numb   | IOT,  | 10. Cont   |   | 11 Total          | 12. Unit                         | 40.144                    | sta Codes   |
| M and Packing Group (if any))   |   |   | No.  | Туре  | Quantity          | Wt./Vol.                         |                           | sta Codes   |
|   | ous waste, solid, n.o.s. (1908)<br>ERG# 171   |   | 201  | CM  | 15                | 4                                | 0008                      |   |
| 2.  |   |   |  |   |                   |                                  |                           |   |
| 3.  |   |   |  | -   |                   | -                                |                           |   |
|   |   |   | _  |   |                   |                                  | 1                         |   |
| 4.  |   |   |  |   |                   |                                  |                           |   |
| I. Special Handling Instructions and A  |   | -   |  |   |                   |                                  |                           | _   |
| Central Contaminated S     GENERATOR'S/OFFEROR'S CE     marked and labeled/placarded, ar     Exporter, I certify that the content     Icertify that the wasta minimizatio     merator's/Offeror's Printed/Typed Na  | THIFICATION: I hereby declare that the contents of<br>and are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I am a<br>me   | according <b>to applic</b><br>ched EPA Acknowle<br>large quantity gene<br>Sign  | able international and n<br>edgment of Consent.<br>erator) or (b) (if I am a s<br>nature   | abonal governi  | nental regulation | shipping nam<br>s. If export st  | hipment and I am<br>Month | the Primary   |
| GENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the contents<br>I certify that the waste minimization<br>enerator's/Offeror's Printed/Typed Na<br>Michard ETLW, Lu-  | TIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>in statement identified in 40 CFR 262.27(a) (if I am a<br>me   | according <b>to applic</b><br>ched EPA Acknowle<br>large quantity gene<br>Sign  | able international and n<br>edgment of Consent.<br>arator) or (b) (if I am a s<br>nature   | mail quantity ge<br>M.L.L   | nental regulation | shipping nam<br>Is. If export si | hipment and I am          | ed. packaged,<br>the Primary<br>Bay Year                          |
| GENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the content<br>I certify that the wasta minimizatio<br>merator's/Offeror's Printed/Typed Na<br>Michight ETLIM, List-<br>International Shipments  | RTIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I am a<br>me<br>of content to U.S.  | according <b>to applic</b><br>ched EPA Acknowld<br>large quantity gene<br>Sign  | able international and n<br>edgment of Consent.<br>prator) or (b) (if I am a s<br>hatpre<br>muture<br>S. Port of   | abonal governi  | nental regulation | shipping nam<br>is. If export si | hipment and I am<br>Month | the Primary   |
| GENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the content<br>I certify that the waste minimizatio<br>merator's/Offeror's Printed/Typed Na<br>Michiel ETTIM, Line<br>International Shipments  | RTIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I are a<br>me<br>of STSA) Ford CTTTAFELL (a)<br>Import to U.S.  | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>GM C /   | able international and n<br>edgment of Consent.<br>prator) or (b) (if I am a s<br>hatpre<br>muture<br>S. Port of   | ational governi<br>mall quantity ge<br>M.J.<br>entry/exil:                  | nental regulation | shipping nam<br>is. If export sr | hipment and I am<br>Month | the Primary   |
| I: Leind Contaminated S<br>GENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the contents<br>I certify that the waste minimization<br>nerator's/Offeror's Printed/Typed Na.<br>M. C. H. A. E. L. M. L.<br>International Shipments<br>ansporter signature (for exports only<br>Transporter Acknowledgment of Rec<br>insporter 1 Printed/Typed Name<br>M. C. H. A. M. M. Market<br>M. C. H. M.   | RTIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I am a<br>me<br>of content to U.S.  | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>CHA C /<br>Export from U<br>Sign                           | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>hature<br>function<br>I.S. Port of<br>Date fer<br>hature                                     | ational governi<br>mall quantity ge<br>M.J.<br>entry/exil:                  | nental regulation | shipping nam<br>s. If export si  | Month                     | Day Year<br>Day Year<br>Day Year                                  |
| I: Leind Contaminated S<br>GENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the contents<br>I certify that the waste minimization<br>nerator's/Offeror's Printed/Typed Na.<br>M. C. H. A. E. L. M. L.<br>International Shipments<br>ansporter signature (for exports only<br>Transporter Acknowledgment of Rec<br>insporter 1 Printed/Typed Name<br>M. C. H. A. M. M. Market<br>M. C. H. M.   | RTIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I are a<br>me<br>of STSA) Ford CTTTAFELL (a)<br>Import to U.S.  | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>CHA C /<br>Export from U<br>Sign                           | able international and n<br>edgment of Consent.<br>srator) or (b) (if I am a s<br>international and international<br>Mutacum<br>I.S. Port of<br>Date lea                       | ational governi<br>mall quantity ge<br>M.J.<br>entry/exil:                  | nental regulation | shipping nam<br>is. If export sh | Month                     | Day Year  |
| CENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the content<br>I certify that the waste minimization<br>merator's/Offeror's Printed/Typed Name<br>A Content of the content of the content<br>International Shipments<br>ansporter signature (for exports only<br>Transporter Acknowledgment of Reconstructure of the content of t | RTIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I are a<br>me<br>of STSA) Ford CTTTAFELL (a)<br>Import to U.S.  | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>CHA C /<br>Export from U<br>Sign                           | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>hature<br>function<br>I.S. Port of<br>Date fer<br>hature                                     | ational governi<br>mall quantity ge<br>M.J.<br>entry/exil:                  | nental regulation | shipping nam<br>is. If export sh | Month                     | Bay Year<br>ZIZI  |
| I -: Lead Contaminated S GENERATOR'S/OFFEROR'S CE marked and labeled/placarded, ar Exporter, I certify that the waste minimization certify that the waste minimization interator's/Offeror's Printed/Typed Na Michael Contents ansporter Acknowledgment of Rec unsporter 1 Printed/Typed Name ansporter 2 Printed/Typed Name Discrepancy  | RTIFICATION: I hereby declare that the contents of<br>rd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>on statement identified in 40 CFR 262.27(a) (if I are a<br>me<br>of STSA) Ford CTTTAFELL (a)<br>Import to U.S.  | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>CHA C /<br>Export from U<br>Sign                           | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>inture<br>S. Port of<br>Date les<br>nature<br>nature<br>Residue                              | ational governi<br>mall quantity gr<br>M.S.<br>antry/axit:<br>aving U.S.:   | nental regulation | s. If export si                  | Month                     | Day Year<br>Day Year<br>Day Year                                  |
| Central Contaminated S     GENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the contents<br>I certify that the waste minimizatio<br>enerator's/Offeror's Printed/Typed Name<br>Michael Action/edgment of Rec<br>ansporter signature (for exports only<br>Transporter Acknowledgment of Rec<br>ansporter 1 Printed/Typed Name<br>Michael Printed/Typed Name<br>Ansporter 2 Printed/Typed Name  | RTIFICATION: I hereby declare that the contents of<br>nd are in all respects in proper condition for transport<br>s of this consignment conform to the terms of the atta<br>instatement identified in 40 CFR 262.27(a) (if I am a<br>me<br>set of Materials<br>Import to U.S.<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:<br>:  | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>CHA C /<br>Export from U<br>Sign                           | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>inture<br>Mutaul<br>I.S. Port of<br>Date les<br>nature                                       | ational governi<br>mall quantity gr<br>M.S.<br>antry/axit:<br>aving U.S.:   | igerator) istrue. | ejection                         | Month                     | Day Year<br>Day Year<br>Day Year<br>1 2 1 3<br>Day Year           |
| CENERATOR'S/OFFEROR'S CE<br>marked and labeled/placarded, ar<br>Exporter, I certify that the content<br>I certify that the waste minimization<br>merator's/Offeror's Printed/Typed Name<br>Marked and Shipments<br>ansporter signature (for exports only<br>Transporter Acknowledgment of Rec<br>ansporter 1 Printed/Typed Name<br>Marked Acknowledgment of Rec<br>ansporter 2 Printed/Typed Name<br>Discrepancy<br>a. Discrepancy Indication Space<br>b. Alternate Facility (or Generator)<br>cility's Phone:  | RTIFICATION: I hereby declare that the contents of the ata in all respects in proper condition for transport so it his sconsignment conform to the terms of the atta in statement identified in 40 CFR 262.27(a) (if I am a me statement identified in 40 CFR 2 | according <b>to applic</b><br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>CHA C /<br>Export from U<br>Sign                           | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>inture<br>S. Port of<br>Date les<br>nature<br>nature<br>Residue                              | ational governi<br>mall quantity gr<br>M.S.<br>antry/axit:<br>aving U.S.:   | ental regulation  | ejection                         | Month                     | Day Year<br>Day Year<br>Day Year<br>1 2 1 3<br>Day Year           |
| I -:: Lead Contaminated S GENERATOR'S/OFFEROR'S CE marked and labeled/placatded, ar Exporter, I certify that the wasta minimizable interator's/Offeror's Printed/Typed Na MicCHIA ECLUM, Lin International Shipments ansporter signature (for exports only). Transporter Acknowledgment of Rec ansporter 1 Printed/Typed Name Discrepancy a, Discrepancy Indication Space b. Alternate Facility (or Generator) cility's Phone: c. Signature of Alternate Facility (or C   | Extil         ERTIFICATION: I hereby declare that the contents of and are in all respects in proper condition for transport s of this consignment conform to the terms of the attain in statement identified in 40 CFR 262.27(a) (if I am a me         Import to U.S.         ::         seipt of Materials         Import to U.S.         ::       :  | according <b>to applic</b><br><b>ched</b> EPAAcknowle<br>large quantity gene<br>Sign<br><i>GM O</i> /<br>Export from U<br>Sign<br> <br>Sign | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>lature<br>Muture<br>I.S. Port of<br>Date fer<br>hature<br>Residue<br>Manifest Referen        | nce Number:   | ental regulation  | ejection                         | Month                     | Day Year<br>Day Year<br>Day Year<br>Day Year<br>Day Year          |
| I -: Lead Contaminated S  GENERATOR'S/OFFEROR'S CE marked and labeled/placarded, ar Exporter, I certify that the content I certify that the wasta minimizable internation's Printed/Typed Na  Licking Education Space  Discrepancy  ansporter 2 Printed/Typed Name  Discrepancy  b. Alternate Facility (or Generator)  citity's Phone: c. Signature of Alternate Facility (or C   | RTIFICATION: I hereby declare that the contents of the ata in all respects in proper condition for transport so it his sconsignment conform to the terms of the atta in statement identified in 40 CFR 262.27(a) (if I am a me statement identified in 40 CFR 2 | according <b>to applic</b><br><b>ched</b> EPAAcknowle<br>large quantity gene<br>Sign<br><i>GM O</i> /<br>Export from U<br>Sign<br> <br>Sign | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>lature<br>Muture<br>I.S. Port of<br>Date fer<br>hature<br>Residue<br>Manifest Referen        | nce Number:   | ental regulation  | ejection                         | Month<br>Month<br>Month   | Day Year<br>Day Year<br>2 13<br>Day Year<br>2 13<br>Day Year<br>L |
| I -: Lead Contaminated S GENERATOR'S/OFFEROR'S CE marked and labeled/placarded, ar Exporter, I certify that the content I certify that the waste minimizatio enerator's/Offeror's Printed/Typed Na Lick11A ELUX, Lin International Shipments ansporter signature (for exports only Transporter Acknowledgment of Rec ansporter Signature (for exports only Transporter Acknowledgment of Rec ansporter 2 Printed/Typed Name Discrepancy a. Discrepancy Indication Space b. Alternate Facility (or Generator) cility's Phone: c. Signature of Alternate Facility (or G Hazardous Waste Report Managem  | Extil         ERTIFICATION: I hereby declare that the contents of and are in all respects in proper condition for transport s of this consignment conform to the terms of the attain in statement identified in 40 CFR 262.27(a) (if I am a me         Import to U.S.         ::         seipt of Materials         Import to U.S.         ::       :  | according to applic<br>ched EPAAcknowle<br>large quantity gene<br>Sign<br>AMO /<br>Export from U<br>Sign<br>Sign<br>Sign<br>3.<br>3.        | able international and n<br>edgment of Consent.<br>crator) or (b) (if I am a s<br>fature<br>I.S. Port of<br>Date fer<br>nature<br>Manifest Referent<br>, and recycling systemu | alional governi<br>mail quantity gr<br>M.J.J.<br>entry/exit:<br>aving U.S.: | ental regulation  | ejection                         | Month<br>Month<br>Month   | Day Year<br>Day Year<br>2 13<br>Day Year<br>2 13<br>Day Year<br>L |

|  |   |  | Bun 2<br>51341   | 0-57   |                       | C                    | 14.500   |
|--|---|--|--|--|-----------------------|----------------------|--|
| o print or type (Form design   | ed for use on elite (12-pitch) type   | writer )   | J134   | 051E   | 16-                   | Form                 | Approved. OMB No. 20   |
| UNIFORM HAZARDOUS<br>WASTE MANIFEST  | 1. Generator ID Number -<br>ILR0001   | 2 Pag  | 1 01 3. Emergency Respon   | se Phone   | 4. Manifest           | Tracking Nu          | 198 JJI  |
| 5. Generator's Name and Mailing<br>City of Chicago<br>30 N LaSalle S   | -2FM .  | in the   | Generator's Site Addres<br>94 7 W. (Cuit   |  | in mailing addre      | ss)                  |  |
| Cisicago, IL   | 60502   |  | Chicago, IL  | 60608  |                       |                      |  |
| Senerator's Phone:<br>Transporter 1 Company Name   | 312   | 120. 2833  |  |  | U.S. EPA ID           | Number               |  |
| SET Environm   |   |  |  | _  | 1                     | ILD9                 | 81957236   |
| Transporter 2 Company Name   |   |  |  |  | U.S. EPAID I          | Number               |  |
| 16435  | Site Address<br>of Illinois<br>Center Ava.<br>, IL 60425  |  | (760) (  |  | U.S. EPAID            |                      | 00666206   |
|  | (including Proper Shipping Name, Ha   | azami Class ID Number  | (708) t<br>10. Cont  | 398-7040   | 41 Tabl               | 10.11.5              |  |
| and Packing Group (if an   |   |  | No.  | Турв   | 11. Total<br>Quantity | 12. Unit<br>Wt./Vol. | 13. Waste Codes  |
|  | 741 dous Waste, solid, n.o<br>SIII ERG# (7)   | a. (D008)  | 01   | SM   | 1500                  | SUP                  | D008   |
| 2.   |   |  | 14   |  | - 1                   | Y                    |  |
| 2.   |   |  |  |  |                       |                      |  |
| -  |   |  |  |  |                       |                      |  |
| 3.   |   |  |  |  |                       |                      |  |
|  |   |  |  |  |                       |                      |  |
| 4.   |   |  |  |  | -                     | -                    |  |
|  |   |  |  |  |                       |                      |  |
| 1 - Lead-Sentarina   | ted Smi   |  |  |  |                       |                      |  |
| <ol> <li>GENERATÓR<sup>®</sup>S/OFFEROR<br/>marked and labeled/placard<br/>Exporter, I certify that the co</li> </ol>  | Lect Smil<br>R'S CERTIFICATION: I hereby declare<br>ied, and are in all respects in proper or<br>intents of this consignment conform to<br>nization statement identified in 40 CFF  | ondition for transport according to the terms of the attached EPA/   | o applicable international and n<br>acknowledgment of Consent.   | ational governme   | intal regulations     |                      |  |
| <ol> <li>GENERATÓR'S/OFFEROR<br/>marked and labeled/placard<br/>Exporter, I certify that the co<br/>I certify that the waste minin</li> </ol>  | VS CERTIFICATION: I hereby declare<br>led, and are in all respects in proper ca<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name   | ondition for transport according t<br>the terms of the attached EPA /<br>R 262.27(a) (if ) am a large quan                   | o applicable international and r<br>Acknowledgment of Consent.<br>htty generator) or (b) (if I am a s<br>Signature   | ational governme   | intal regulations     |                      | pment and I am the Primary<br>Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I cartify that the oc<br>I cartify that the waste minin<br>enerator's/Offeror's Printed/Typ  | R'S CERTIFICATION: I hereby declar<br>ied, and are in all respects in proper co<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name   | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if ) am a large quan                      | o applicable international and r<br>Acknowledgment of Consent<br>by generator) or (b) (if I am a s<br>Signature  | mail quantity gen  | intal regulations     |                      | pment and I am the Primary<br>Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the co<br>I certify that the waste minin<br>enerator's/Offeror's Printed/Typ<br>Miching by Miching by Miching<br>S. International Stipments   | P'S CERTIFICATION: I hereby declare<br>ted, and are in all respects in proper co<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name  | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if ) am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>by generator; or (b) (if I am a s<br>Signature<br>I from U.S. Port of  | national governme<br>mail quantity geni<br>fragment<br>entry/exit:   | intal regulations     |                      | pment and I am the Primary<br>Month Day  |
| 5. GENERATÓR'S/OFFERDA<br>marked and labeled/placard<br>Exporter, I certify that the co<br>I certify that the waste minin<br>enerator's/Offeror's Printed/Typ<br>March Index Differor's Printed/Printed/<br>State Differor's Printed/<br>State Dif | C'S CERTIFICATION: I hereby declare<br>ided, and are in all respects in proper co<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>UNING STORM<br>import to U.S.<br>is only):<br>of Receipt of Materials  | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if ) am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>by generator; or (b) (if I am a s<br>Signature<br>I from U.S. Port of  | mail quantity gen  | intal regulations     |                      | pment and I am the Primary<br>Month Day  |
| <ol> <li>GENERATÓR'S/OFFERDA<br/>marked and labeled/placard<br/>Exporter, I certify that the oc<br/>I certify that the waste minin<br/>enerator's/Offeror's Printed/Type<br/>Market Market Stripments</li> <li>A International Shipments</li> <li>Transporter signature (for export<br/>7. Transporter Acknowledgment<br/>ansporter 1 Printed/Typed Nam</li> </ol>   | A'S CERTIFICATION: I have by declare<br>fed, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>   | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if ) am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>by generator; or (b) (if I am a s<br>Signature<br>I from U.S. Port of  | national governme<br>mail quantity geni<br>fragment<br>entry/exit:   | intal regulations     |                      | Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the or<br>I certify that the waste minin<br>enerator's/Offeror's Printed/Type<br>March 1992 - Waster<br>S. International Shipments<br>ransporter signature (for export<br>7. Transporter Acknowledgment<br>ansporter 1 Printed/Typed Nam  | A'S CERTIFICATION: I hereby declare<br>ted, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>LUINGSTON<br>import to U.S.<br>is only):<br>of Receipt of Materials<br>If<br>Materials  | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if ) am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le                                      | national governme<br>mail quantity geni<br>fragment<br>entry/exit:   | intal regulations     |                      | Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the or<br>I certify that the waste minin<br>enerator's/Offeror's Printed/Type<br>March 1992 - Waster<br>S. International Shipments<br>ransporter signature (for export<br>7. Transporter Acknowledgment<br>ansporter 1 Printed/Typed Nam  | A'S CERTIFICATION: I hereby declare<br>ted, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>LUINGSTON<br>import to U.S.<br>is only):<br>of Receipt of Materials<br>If<br>Materials  | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if 1 am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le                                      | national governme<br>mail quantity geni<br>fragment<br>entry/exit:   | intal regulations     |                      | Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I cartify thal the ox<br>I cartify thal the waste minin<br>enerator's/Offeror's Printed/Type<br>(A   | A'S CERTIFICATION: I hereby declare<br>ted, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>LUINGSTON<br>import to U.S.<br>is only):<br>of Receipt of Materials<br>If<br>Materials  | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if 1 am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le                                      | national governme<br>mail quantity geni<br>fragment<br>entry/exit:   | intal regulations     |                      | Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I cartify thal the oc<br>I cartify thal the waste minin<br>enerator's/Offeror's Printed/Type<br>(A   | A'S CERTIFICATION: I hereby declare<br>fed, and are in all respects in proper or<br>ontents of this consignment conform to<br>mization statement identified in 40 CFF<br>ed Name<br>UNING TION (CFF<br>ed Name)<br>UNING TION (CFF<br>ed Name)<br>UNING TION (CFF<br>ed Name)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CFF)<br>(CF | endition for transport according to the terms of the attached EPA/<br>R 262.27(a) (if 1 am a large quan                      | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le<br>Signature<br>Signature<br>Residue | national governme<br>mail quantity gen<br>entry/exit:<br>aving U.S.: | intal regulations     | If export shi        | Month Day<br>Month Day<br>20 2   |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I cartify thal the oc<br>I cartify thal the waste minin<br>enerator's/Offeror's Prinled/Type<br>Machine Construction of the waste minin<br>enerator's/Offeror's Prinled/Type<br>Machine Construction<br>in the second of the waste minin<br>in the second of the waste minin<br>in the second of the waste minin<br>mansporter signature (for export<br>7. Transporter Acknowledgment<br>ansporter signature (for export<br>7. Transporter Acknowledgment<br>mansporter 2 Prinled/Typed Nam<br>B. Discrepancy<br>Ba. Discrepancy Indication Space  | P'S CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>antents of this consignment conform to<br>mization statement identified in 40 CFF<br>ed Name<br>  | endition for transport according t<br>the terms of the attached EPA /<br>R 262.27(a) (if) am a large quan                    | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le<br>Signature                         | national governme<br>mail quantity gen<br>entry/exit:<br>aving U.S.: | erator) is true.      | If export shi        | Month Day  |
| 5. GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I cartify thal the oc<br>I cartify thal the waste minin<br>menerator's/Offeror's Prinled/Type<br>Machine Constraints<br>fransporter signature (for export<br>7. Transporter Acknowledgment<br>mansporter 1 Prinled/Typed Nam<br>Machine Machine Market<br>fransporter 2 Prinled/Typed Nam<br>B. Discrepancy<br>Ba. Discrepancy Indication Space  | P'S CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>antents of this consignment conform to<br>mization statement identified in 40 CFF<br>ed Name<br>  | endition for transport according t<br>the terms of the attached EPA /<br>R 262.27(a) (if) am a large quan                    | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le<br>Signature<br>Signature<br>Residue | national governme<br>mail quantity gen<br>entry/exit:<br>aving U.S.: | Partiel Rej           | If export shi        | Month Day<br>Month Day<br>20 2   |
| GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the oc<br>I certify that the waste minin<br>ienerator's/Offeror's Printed/Type<br>IA certify that the waste minin<br>ienerator's/Offeror's Printed/Type<br>A certify that the waste minin<br>ienerator's/Offeror's Printed/Type<br>A certify that the waste minin<br>international Shipments<br>fransporter signature (for export<br>7. Transporter Acknowledgment<br>ransporter a Printed/Typed Nam<br>B. Discrepancy<br>Ba. Discrepancy Indication Space<br>Bb. Alternate Facility (or General<br>addity's Phone:  | PS CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>   | endition for transport according t<br>the terms of the attached EPA /<br>R 262.27(a) (if) am a large quan                    | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le<br>Signature<br>Signature<br>Residue | national governme<br>mail quantity gen<br>entry/exit:<br>aving U.S.: | Partiel Rej           | If export shi        | Month Day<br>Month Day<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |
| GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the oc<br>I certify that the waste minin<br>ienerator's/Offeror's Printed/Type<br>IA certify that the waste minin<br>ienerator's/Offeror's Printed/Type<br>A certify that the waste minin<br>ienerator's/Offeror's Printed/Type<br>A certify that the waste minin<br>international Shipments<br>fransporter signature (for export<br>7. Transporter Acknowledgment<br>ransporter a Printed/Typed Nam<br>B. Discrepancy<br>Ba. Discrepancy Indication Space<br>Bb. Alternate Facility (or General<br>addity's Phone:  | PS CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>   | endition for transport according t<br>the terms of the attached EPA /<br>R 262.27(a) (if) am a large quan                    | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature<br>I from U.S. Port of<br>Date le<br>Signature<br>Signature<br>Residue | national governme<br>mail quantity gen<br>entry/exit:<br>aving U.S.: | Partiel Rej           | If export shi        | Month Day<br>Month Day<br>20 2   |
| GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the oc<br>I certify that the waste minin<br>innerator's/Offeror's Printed/Type<br>Actificational Shipments<br>fransporter signature (for export<br>7. Transporter Acknowledgment<br>masporter 1 Printed/Typed Nam<br>M. C. M. Market<br>R. Discrepancy<br>Ba. Discrepancy<br>Ba. Discrepancy Indication Space<br>Bb. Atternate Facility (or General<br>adiity's Phone:<br>Bc. Signature of Atternate Facility  | P'S CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>antantis of this consignment conform to<br>mization statement identified in 40 CFF<br>ad Name<br>   | endition for transport according t<br>the terms of the attached EPA /<br>2 262.27(a) (if) am a large quan<br>C.A.C.<br>Expor | o applicable international and r<br>Acknowledgment of Consent.<br>try generatori or (b) (iff am a s<br>Signature   | nce Number:  | Partiel Rej           | If export shi        | Month Day<br>Month Day<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |
| GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the oc<br>I certify that the waste minin<br>innerator's/Offeror's Printed/Type<br>Actificational Shipments<br>fransporter signature (for export<br>7. Transporter Acknowledgment<br>masporter 1 Printed/Typed Nam<br>M. C. M. Market<br>R. Discrepancy<br>Ba. Discrepancy<br>Ba. Discrepancy Indication Space<br>Bb. Atternate Facility (or General<br>adiity's Phone:<br>Bc. Signature of Atternate Facility  | PS CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>ontents of this consignment conform to<br>nization statement identified in 40 CFF<br>ed Name<br>   | endition for transport according t<br>the terms of the attached EPA /<br>2 262.27(a) (if) am a large quan<br>C.A.C.<br>Expor | o applicable international and r<br>Acknowledgment of Consent.<br>try generatori or (b) (iff am a s<br>Signature   | nce Number:  | Partiel Rej           | If export shi        | Month Day<br>Month Day<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |
| GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the oc<br>I certify that the waste minin<br>enerator's/Offeror's Printed/Type<br>Actification Stripments<br>fransporter signature (for export<br>7. Transporter signature (for export<br>7. Transporter Acknowledgment<br>ransporter 2 Printed/Typed Nam<br>M - Child<br>Response Acknowledgment<br>for a sporter 2 Printed/Typed Nam<br>B. Discrepancy<br>Ba. Discrepancy Indication Space<br>Bb. Alternate Facility (or General<br>actify's Phone:<br>Bc. Signature of Alternate Facilit<br>9. Hazardous Waste Report Market<br>State State  | PS CERTIFICATION: I hareby declarated, and are in all respects in proper or intention statement identified in 40 CFF and Name   | for hazardous waste treatment,   | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature  | nce Number:  | Partial Rej           | If export shi        | Month Day<br>Month Day<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |
| GENERATÓR'S/OFFEROR<br>marked and labeled/placard<br>Exporter, I certify that the oc<br>I certify that the waste minin<br>Generator's/Offeror's Printed/Type<br>Macaine 20-20-20-20-20-20-20-20-20-20-20-20-20-2   | P'S CERTIFICATION: I hareby declare<br>fed, and are in all respects in proper or<br>antantis of this consignment conform to<br>mization statement identified in 40 CFF<br>ad Name<br>   | for hazardous waste treatment,   | o applicable international and r<br>Acknowledgment of Consent.<br>Ity generator) or (b) (if I am a s<br>Signature  | nce Number:  | Partial Rej           | If export shi        | Month Day<br>Month Day<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20 |

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

DESIGNATED FACILITY TO GENERATOR