939863

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION V

EPA ID: ILD005229497 **Site Name:** PRAIRIELAND STEEL COMPANY **State ID:**

Alias Site Names: PRAIRIELAND STEEL CO.

City: HAVANA

Refer to Report Dated: 5/9/2011 **County or Parrish:** MASON **State:** IL

Report Developed By: **Report Type:** SITE INSPECTION 001

[X] **1. Further Remedial Site Assessment Under CERCLA (Superfund) is not required because:**

NFRAP-Site does not qualify for the NPL based on existing information

[ ] **2. Further Assessment Needed Under CERCLA:**

Discussion/Rationale:

The U.S. Environmental Protection Agency (EPA) has determined that no further remedial action by the Federal Superfund program is warranted at the referenced site, at this time. The basis for the no further remedial action planned (NFRAP) determination is provided in the attached document. A NFRAP designation means that no additional remedial steps under the Federal Superfund program will be taken at the site unless new information warranting further Superfund consideration or conditions not previously known to EPA regarding the site are disclosed. In accordance with EPA's decision regarding the tracking of NFRAP sites, the referenced site may be removed from the CERCLIS database and placed in a separate archival database as a historical record if no further Superfund interest is warranted. Archived sites may be returned to the CERCLIS site inventory if new information necessitating further Superfund consideration is discovered.

Site Decision Made by: PATRICK HAMBLIN, NPL COORDINATOR

Signature: _____ **Date:** 05/09/2011

EPA Form # 9100-3

SIGNATURE PAGE

Title: CERCLA Site Reassessment for Prairieland Steel

Preparer: Dave Reed, Project Manager, Office of Site Evaluation, Illinois Environmental Protection Agency

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Signature

3-1-11
Date

Approval: Patrick Hamblin, Acting Chief, United States Environmental Protection Agency, Region 5

Signature

5/9/11
Date

The approval signatures on this page indicate that this document has been authorized for information release to the public through appropriate channels. No other forms or signatures are required to document this information release.

CERCLA
Site Inspection

for:

Prairieland Steel
Havana, Illinois
ILD 1250205005

PREPARED BY:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION

February 24th, 2010

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Section 1.0 Introduction

On April 11, 2007, the Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation was tasked by the Region V Offices of the United States Environmental Protection Agency (U.S. EPA) to conduct a Site Investigation (SI) at the Prairieland Steel site in Mason County (ILD005229497), Havana, Illinois. The coordinates of the site are at 40.29017 ^{o} latitude and -90.0662 ^{o} longitude.

The primary objective of a Site Inspection is to gather necessary information needed to evaluate the extent that a site presents a threat to human health and/or the environment. This is collecting and analyzing wastes and environmental media samples to determine whether hazardous substances are present at the site and are migrating to the surrounding environment. At the conclusion of the Site Inspection, a determination will be made whether the site qualifies for additional evaluation under Superfund or should be dropped from further Superfund consideration. Additionally, the Site Inspection supports removal and enforcement actions and collects data to support further Superfund or other response actions.

The Site Inspection is not intended to be a detailed evaluation of contamination or risk assessment. If the evaluation of the site indicates that the site qualifies for additional Superfund evaluation, an Expanded Site Inspection may be conducted. In some cases an Expanded Site Inspection will be conducted to address critical hypotheses or assumptions that were not completely supported during the SI. The SI is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

Section 2.0 Site Background

2.1 Site Description

The Prairieland Steel site is located at 550 Pear Street (south of U.S. 136 and east of Route 78 between Water and Schrader Streets) in Havana, Mason County, Illinois (Figure 1). The site is located in a mixed industrial/residential area and is adjoined by other industrial and commercial enterprises to the south and east. A residential area is located to the west. Prairieland Steel is located in the southwest portion of Havana or more specifically, the Southwest ¼ of Section 1, Township 21 North, Range 9 West of the Third Principle Meridian. The coordinates of the site are at 40.29017 ^{o} latitude and -90.0662 ^{o} longitude. The former Prairieland Steel facility

occupied approximately two acres of land, of which approximately 40,000 square feet was building space.

Prairieland Steel is surrounded on all sides by former railroad track beds and sidings for the old Chicago and Illinois Midland Railroad. All of the tracks have been removed. The Illinois River is located approximately 1200 feet west of the site, and normal river elevation is about 425 feet above mean sea level. The elevation of the site ranges between about 460 feet and 475 feet above mean sea level.

The properties surrounding Prairieland Steel are mainly residential on the south and the west. Many of the houses have wells. Groundwater from the site migrates to the west towards the Illinois River. Surface water drains to the southwest towards the street.

Currently, the site appears to be deteriorating. Several vacant buildings were demolished between August 18th and September 11th, 2000. The building that housed the operations of the facility is located in the center of the property. The Prairieland Steel site is bordered on the north and west by a gravel road and on the east and south by a paved area. Most of the site is either covered by buildings or under the paved area.

2.2 Site History

According to historic Sanborn Fire Insurance Maps, several businesses have operated on this tract of land and on the adjacent tracts to the south and east since at least 1887. These included Havana Press Drill Works, Havana Metal Wheel Company, and Prairie Steel Company, all of which involved the processing or fabrication of metal products. Several different buildings were constructed on the property and adjacent properties between 1887 and 1950. Records indicate that the north end of the Prairieland Steel building was constructed sometime between 1909 and 1914. The main building (mill area) and south end of the Prairieland Steel building were constructed between 1914 and 1925. Coal was used as a fuel source at the site until sometime after 1925; however, the early Sanborn maps show a 6,000-gallon underground storage tank (UST) that supplied crude oil to furnaces through an underground system. It was thought to be located at the southwest corner of the north section of the Prairieland Steel building. However, excavation performed by Illinois Environmental Protection Agency (Illinois EPA) and REACT Environmental on November 26, 2001 revealed no UST in the above mentioned area.

The most recent industry at the property was Prairieland Steel, which purchased the Prairie Steel Company in 1985. Both companies were in the business of drawing ferrous wire through dies to reshape wire. The wire was first annealed in an ammonia atmosphere inside an electric furnace and then drawn through dies by an electric motor. Soap flakes were used as a lubricant. Wire was then run through a coolant tank, then a flux tank containing dilute ammonium chloride. Drops of lead were added from a lead pot as a lubricant before each pass through the dies. The ammonium chloride enabled the lead to adhere better to the wire. These processes occurred in the west side of the main building. Multiple passes were required to achieve the finished product, and wire was cleaned before each pass in a 3 to 1 aqueous solution of nitric acid. Prairieland Steel Company also used a 1,1,1-trichloroethane bath to clean the wire before the final pass. Prairieland Steel reportedly replaced this with a caustic bath. A "turkshead" milling device was later used by Prairieland Steel instead of dies, which eliminated the need for pre-cleaning, the soap lubricant, and in all but the final pass, the lead lubricant. It also decreased the number of redraws to achieve the desired shape and gauge.

2.3 Previous Investigations

During RCRA inspections in 1990 and 1995, the IEPA identified several areas of waste accumulation and storage at the Prairieland Steel plant. Prairieland Steel was identified as a small quantity hazardous waste generator at first and then as a large quantity hazardous waste generator as a result of its generation of waste acid, lead contaminated soap, lead dross, grease, and organic solvents such as 1,1,1-trichloroethane. In October 1996, the USEPA conducted a removal action of hazardous wastes that had accumulated and were stored on the site. On October 15th through 18th, 1996, the USEPA removed over 7,000 gallons of waste corrosive liquid/sludge, 45 drums of lead slag, 5 drums of waste liquid containing oil and lead, 7 drums of waste solids containing grease and lead, 18 drums of waste liquid containing lead and a 25 cubic yard roll-off box of non-hazardous debris that included caustic draw soap, fiber and RCRA empty drums, wood, and personal protection equipment (PPE).

Between August 18th, 2000 and September 11th, 2000, the Prairieland Steel building was demolished as part of the City of Havana's Brownfields Redevelopment Grant. The building was in a severe state of dilapidation. Roofing material and plaster ceilings were disintegrating and falling from the building. The building was deemed unsafe by the City's structural engineer. The

roof of the north end of the building had previously collapsed and could not be entered. The building and cupola area framed in the south end of the Prairieland Steel building were not demolished, but were left standing. Prairieland Steel used the cupola area to store equipment. The concrete floor of the building remained.

After the building was demolished, a water supply well located in the main building area was abandoned in accordance with the Illinois Department of Public Health rules, 77 IAC 920. The well was measured to be 49.6 feet deep and was fitted with a centrifugal pump located about 32 feet deep. After the pump was removed, bentonite slurry was tremied into the well casing. The top three feet of the well casing was removed, which necessitated digging a hole into the concrete approximately four feet deep around the well. The hole was filled to about two feet from the top with bentonite and clean fill soil. The well was capped to surface level with a six inch layer of cement.

Remediation activities at the former Prairieland Steel (PLS) site in Havana began in November 2001. The project initially consisted of the removal of lead dust from a concrete pad (the result of the demolition of a lead contaminated building), and excavation and backfilling of several pit areas that contained lead contaminated soil at hazardous levels. However the project grew in scope as soil and groundwater investigations performed by the State Sites and Site Evaluation Units in 2001, 2003 and 2004 found levels of Tetrachloroethylene (PCE) in the soil and groundwater under the concrete pad at levels exceeding 35 Illinois Administrative Code Part 742 (Part 742) Tier I Soil Remediation Objectives and Part 620 Groundwater Standards.

In November 2006 three stainless steel monitoring wells were installed along the down gradient property boundary of the site in preparation for corrective action activities scheduled to begin in June 2007. These wells were to become the monitoring network for proposed upcoming groundwater treatment. At that time soil and groundwater samples were collected from under the concrete pad. Results indicated exceedance of Part 742 Tier I soil cleanup objectives for PCE and exceedance of Part 620 Groundwater Standards for Iron, Manganese, Lead, PCE and

Trichloroethene (TCE). Sample results collected from one of the newly installed monitoring wells indicated exceedance of groundwater standards for Iron, Manganese, Lead, cis-1,2-Dichloroethene, PCE and TCE.

In June 2004, a Pre-CERCLIS Screening Assessment was conducted by Illinois EPA. An X-ray fluorescence (XRF) survey was conducted at the Site. The XRF survey revealed lead levels up to 67,000 parts per million (ppm) and elevated levels of arsenic primarily in the upper two feet of soil. Analytical results taken at this time revealed total lead at up to 45,000 ppm in a waste pile and a concentration of 360 mg/l pursuant to the Toxicity Characteristic Leaching Procedure (TCLP).

In July 2006, U.S. EPA conducted an assessment of the Site. Several soil samples were collected in the vicinity of the waste pile to determine the aerial extent of lead contamination. Soil samples collected from a depth of 0-6 inches on the waste pile found total lead levels at up to 210,000 mg/kg.

From October 11, through October 19, 2007, the U.S. EPA Region 5 Emergency Response Branch conducted a time-critical removal action at the Prairieland Steel site. Approximately 460 tons of lead contaminated soil were excavated from the waste pile and transported off-site to a hazardous waste landfill for treatment and disposal. Backfill was placed in excavated areas where the cleanup objective of 800 ppm was met. During the excavation activities, an area of volatile organic compounds (VOCs) was discovered at approximately 2 feet below ground surface. A soil sample was collected from this area, a piece of snow fence was placed on the bottom of the excavation as a demarcation barrier, and the area was backfilled. Analytical results found high levels of tetrachloroethene at approximately 300 ppm. On November 13, 2007, U.S. EPA returned to the site to complete the installation of an asphalt cap over a lead contaminated concrete pad and portions of a site road with elevated lead levels. Two inches of asphalt were placed over the contaminated media to prevent contact with the lead and migration of the contamination.

2.4 Regulatory Status

Based upon available file information Prairieland Steel does not appear to be subject to Resource Conservation and Recovery Act (RCRA) correction action authorities. Information currently does not indicate that the site is under the authority of the Atomic Energy Act (AEA), Uranium Mine Tailings Action (UMTRCA), or the Federal Insecticide Fungicide or Rodenticide Act (FIFRA).

Section 3.0 Site Inspection Activities

3.1 Sampling Activities

During the Site Inspection, all samples were collected in accordance with the Illinois EPA's Quality Assurance Project Plan (QAPP) and the Illinois EPA's Bureau of Land Sampling Procedures Guidance Manual. Soil samples were collected with stainless steel trowels or augurs and put directly into sampling jars. Residential wells and groundwater samples were collected with Teflon tubing and pumped directly into the sampling bottles.

The depth to groundwater at Prairieland Steel is estimated to be about 20 - 50 feet below ground surface (bgs). During the Site Inspection, a GeoProbe unit was used to collect grab groundwater samples at the site. Groundwater was encountered at 14.5 to 15 bgs. Groundwater is expected to flow west towards the Illinois River.

3.1.1 Groundwater

Six groundwater samples (G101-G106) were collected using the GeoProbe unit around the site and nearby residences during the SI in order to determine if contaminants may have migrated from the site to the groundwater. The samples were collected directly from borings in the ground using the GeoProbe and not from established residential wells. The samples were analyzed for both the organic and inorganic portions of the Target Compound List (TCL). The locations of the groundwater samples are depicted in the Figure 4 Sample Location map and the analytical results can be found in Tables 7 through11.

3.1.2 Surface Water

Surface water samples were not collected due to the fact that the nearest body of surface water is the Illinois River some distance away (at least 250 meters). There appears to be no overland exposure route to the river.

3.1.3 Soil

Thirteen soil samples (X101-X113) were collected at various depths from Prairieland Steel and surrounding residential areas in order to determine if potential contamination from the previous activities at the site had impacted the site and the surrounding residences. The depths for each sample are included in the boring logs found in Appendix A. These samples were analyzed for the organic and inorganic portions of the Target Compound List (TCL). The locations of the soil samples are depicted in the Figure 4a Sample Location map and the analytical results can be found in Tables 12 through16.

3.1.4 Air

Air samples were not collected at the site. Available file information gave no indication that open burning occurred on-site. Nor are there any available reports of odors emanating from the site.

3.1.5 Residential Wells

Five residential well samples (G201-G205) were collected around the site during the SI in order to determine if contaminants may have migrated from the site into private wells. These samples were analyzed for both the organic and inorganic portions of the Target Compound List (TCL). The locations of the residential well samples are depicted in the Figure 4 Sample Location map and the analytical results can be found in Tables 1 through 6.

3.2 Analytical Results

Inorganic samples were shipped to DataChem Laboratories located at 960 LeVoy Drive in Salt Lake City, Utah for analysis of groundwater, well water, and soil samples. Organic samples were shipped to A4 Scientific, Inc. located at 1544 Sawdust Road in The Woodlands, Texas for analysis of groundwater, well water, and soil samples.

Background samples were taken away from the site in areas deemed likely to not be contaminated from past site activities. The criteria used to determine an observed release is based upon analytical samples that are at least three times background concentrations. In each subsection below, the actual samples are compared to the background level for each individual analyte for each matrix. The criteria used to determine an observed release is based upon analytical samples that are at least three times background concentrations. If a sample contains a level of an analyte at least three times the background concentration, then the sample was highlighted in red in the sample table as meeting the observed release criteria.

3.2.1 Groundwater

Six groundwater samples were collected during the 2008 SI. The background sample for this matrix was G101.

For the VOCs, sample G103 had concentrations of cis-1,2-dichloroethene, 1,1,1-trichloroethane, and tetrachloroethene that met the observed release criteria. SVOCs, Pesticides, and PCBs, were not found in any to exceed any observed release criteria.

For the inorganic tests, multiple analytes met the observed release criteria for all of the samples. Table 11 should be consulted for a complete list. Included in this list are contaminants of concern from past investigations. Specifically, one of these contaminants is lead.

3.2.2 Surface Water

Surface water samples were not collected during the 2008 SI. Surface water samples were not collected due to the fact that the nearest body of surface water is the Illinois River some distance away (at least 250 meters). There appears to be no overland exposure route to the river. Additionally, there is no evidence of any groundwater to surface water contamination.

3.2.3 Soil

Thirteen soil samples were collected during the 2008 SI. The background sample for this matrix was X101.

For VOCs, samples X103 and X113 had tetrachloroethene at concentrations that met the observed release criteria. Samples X107, X109, and X110 had levels of methylene chloride just above the reporting limit. Methylene chloride is a common laboratory artifact and may or may

not actually be in the samples and the low concentrations found here. For the SVOCs, samples X109 and X110 contained several polynuclear aromatic compounds slightly above the observed release criteria. There were no compounds detected above background for the Pesticides or PCB fractions of the analyses. Complete results can be found in Tables 12 through 15.

For the inorganic tests, multiple analytes met the observed release criteria for all of the samples except for sample X113. Table 16 should be consulted for a complete list. Included in this list are contaminants of concern from past investigations. Specifically, these contaminants include arsenic, lead, and zinc.

3.2.4 Air

Air samples were not collected at the site. Available file information gave no indication that open burning occurred on-site. Nor are there any available reports of odors emanating from the site.

3.2.5 Residential Wells

Five residential well samples were collected around the site during the SI in order to determine if contaminants may have migrated from the site into private wells. These samples were analyzed for both the organic and inorganic portions of the Target Compound List (TCL). Tables 1 through 6 show the results of the analyses.

Sample G202 was collected as the background sample. In sample G205, trichloroethene was detected at three times the background level. Tetrachloroethene was also detected in the sample, but it was found at a concentration just above the detection limit and was not highlighted. No other VOCs, SVOCs, pesticides, or PCBs were above the detection limits for the residential well samples.

Lead levels met the observed release criteria in three of the sample locations. Zinc was also found above three time background concentrations in two of the remaining four sample locations. The concentration of zinc in sample G204 almost qualified as three times background as well but was not highlighted. Copper was found above the observed release criteria in all of the samples. All of the samples contained chromium and were highlighted in the tables, but the results were not above the reporting limits and are estimations only. Sample G204 had an estimated detection below the reporting limit but at least three times the background for silver.

3.3 Additional Data

The Illinois Environmental Protection Agency (Illinois EPA) utilized a Geoprobe® Model 5400 (Geoprobe) during investigation activities at Prairieland Steel. The Geoprobe is a hydraulically-powered machine which utilizes both static force and percussion to advance sampling and logging tools into the subsurface. A Membrane Interface Probe (MIP) was advanced to obtain soil conductivity logs and total volatile organic compound (VOC) profiles of subsurface materials at various locations throughout the site.

The MIP is 1.5-inches in diameter and approximately 12-inches in length. The MIP consists of a soil conductivity measuring tip, a heater block, a permeable membrane, and a trunk line which houses the carrier gas tubing and electrical lines. The MIP is attached to 1.25-inch Geoprobe rods for advancement into the subsurface. The soil conductivity portion of the MIP utilizes a dipole measurement arrangement where an alternating electrical current is passed from the center, isolated pin of the probe to the probe body. The voltage response of the soil to the imposed current is measured across the same two points. The probe is reasonably accurate for measurements of soil conductivities in the range of 5 to 400 mS/m. In general, sands or course grained materials have a lower conductivity and silts and clays have higher conductivities.

The permeable membrane portion of the MIP is used to detect VOCs in both saturated and unsaturated soils during advancement of the MIP. VOCs in the subsurface come in contact with the heated surface of the MIP polymer membrane and partition (absorb) into the polymer membrane. VOCs in the gaseous, dissolved, solid, or free product phase can partition into the membrane. Once VOC molecules are sorbed into the membrane, they move by diffusion across the membrane to areas of lower concentrations. Movement across the membrane is very rapid because the membrane is heated from 80-125 degrees Celsius (roughly 212° F), and is relatively thin. Once through the membrane, the VOCs partition into the carrier gas which is in contact with the back side of the membrane. It takes approximately 25-35 seconds for the carrier gas to travel through the MIP trunk line before it reaches the HNU Photoionization Detector used to quantify the total VOC concentration.

The MIP is ideally advanced at a rate of approximately one foot per minute. Soil conductivity (mS/M), probe speed (ft/min), temperature (Celsius) and PID concentration (uV) are recorded on a computer program developed by Geoprobe®. Typically, soil cores are

collected using the Macro Core Sampler® or the Discrete Macro Core Sampler® to compare actual samples to the MIP responses. Soil cores were collected by the Illinois EPA for comparison purposes when practical.

Groundwater samples were collected at various probe locations using a Screen Point 15 Groundwater Sampler®. The sample was collected by means of a stainless steel mini-bailer, or a peristaltic pump. The Screen Point 15 Groundwater Sampler® consists of a four foot stainless steel wire wrapped screen which is sealed in a steel sheath. Once the desired depth is reached, the rods are retracted approximately four feet which deploys the screen. A mini-bailer, polyethylene tubing, bladder pump or peristaltic pump can be used to purge groundwater through the center of the rods. Following approximately 15 minutes of purging, or once the water quality measurements stabilize, the groundwater sample is collected.

Results:

The Illinois EPA Geoprobe MIP was used at five locations at the Prairieland Steel Site in order to classify subsurface soils, and screen for the presence of VOCs. The five locations are presented on Figure 4 and are designated EIP-1 through EIP-5. Copies of the soil conductivity logs are attached in Appendix A. The following information pertains to observations made during installation of the individual borings.

MIP-1

The MIP's PID was tested using a Benzene solution to ensure the device was functioning properly. This is standard procedure at each boring location to ensure the MIP is functioning properly before advancement. The MIP was then advanced to approximately 20 feet below surface grade (bsg). The PID showed elevated readings between 5 and 20 feet bsg. The detector on the PID showed such high concentrations of VOCs that it flat-lined. This was not confirmed with the Total Vapor Analyzer (TVA) in the soil core from that interval. Soil sample X113 was collected from six feet at this location.

MIP-2

The MIP was advanced to approximately 15 feet bsg. The primary interest in this area was to delineate the extent of the VOC contamination in this area. The baseline for the detector

kept dropping. This was due to the fact that no VOCs were detected at this boring and the continued bake-off of the detector from the last hole where it was saturated. No samples were collected at this location.

MIP-3

Geoprobe boring MIP-3 was located between MIP-1 and MIP-2. Since MIP-1 saturated the detector and MIP-2 did not have detection, MIP-3 was an attempt to find the edge of the VOC contamination. The MIP was advanced to 15 feet bsg when it was stopped due to the encounter of groundwater at about 14.2 feet bsg. No VOC contamination was detected, so no samples were collected at this location.

MIP-4

Geoprobe boring MIP-4 was located between MIP-1 and MIP-3. Since MIP-1 saturated the detector and MIP-3 did not have detection, MIP-4 was an attempt to find the edge of the VOC contamination. The MIP was advanced to 12 feet bsg when it was stopped due to a drop in the detector baseline. No VOC contamination was detected, so no samples were collected at this location. A check of the probe head was okay before the GeoProbe was moved to the next location.

MIP-5

Geoprobe boring MIP-5 was located between MIP-1 and MIP-4. Since MIP-1 saturated the detector and MIP-4 did not have a detect, MIP-5 was an attempt to find the edge of the VOC contamination. The MIP was advanced to 15 feet bsg. An elevation in the detector baseline on the PID indicated a slight VOC contamination at approximately 12 feet bsg. No samples were collected at this location. A check of the probe head was ok before the GeoProbe was moved to the next location.

Section 4.0 Site Sources

This section includes descriptions of the various hazardous waste sources that have been identified at the Prairieland Steel site. The Hazard Ranking System (HRS) defines a “source” as:

"Any area where a hazardous substance has been stored, disposed or placed, plus those solids that have become contaminated from migration of hazardous substances." This does not include surface water or sediments below surface water that have become contaminated.

Information obtained during the SI identified three separate source areas. These sources were identified as the contaminated soil located with the MIP on the east side of the building, the contaminated soil on the west side of the building, and contaminated soil on the southeast corner of the Prairieland Steel property.

4.1 Source 1 (west of building)

During the sampling activities conducted in 2008, sample G103 was collected west of the Prairieland Steel building to determine potential contamination. Sample analysis indicated several volatile organic contaminants were above background contamination. The full extent of soil contamination has not been determined, but the sampling activities in 2008 suggest that the contamination started in one spot and has migrated radially into the surrounding soil. Due to the location of the source and the results of the analysis, it is possible that contaminants from operations at the site were dumped at one time on the west side of the building.

4.2 Source 2 (east of building)

During the sampling activities conducted in 2008, sample X113 was collected from the Prairieland Steel building to verify an MIP detection of potential contamination. Sample analysis indicated several volatile organic contaminants were above background contamination. The full extent of soil contamination has not been determined, but the MIP activities in 2008 suggest that the contamination started in one spot and has migrated radially into the surrounding soil. Due to the location of the source and the results of the analysis, it is possible that contaminants from operations at the site were dumped at one time outside the back door.

4.3 Source 3 (southeast corner of property)

During the sampling activities conducted in 2008, sample X109 and X110 were collected on the southeast corner of the Prairieland Steel property to determine potential contamination. Sample analysis indicated several semi-volatile organic contaminants were above background contamination. The full extent of soil contamination has not been determined, but the sampling

activities in 2008 suggest that the contamination started in one spot and has migrated radially into the surrounding soil. Due to the location of the source and the results of the analysis, it is possible that contaminants from the old railway have impacted the soil in this location.

Section 5.0 Migration Pathways

As identified in CERCLA's Hazard Ranking System, the Office of Site Evaluation evaluates three migration and one exposure pathway. Sites are evaluated on their known or potential impact these pathways have on human health and the environment. The following paragraphs will evaluate the groundwater, surface water, soil exposure, and air migration pathways.

5.1 Groundwater

According to the Illinois State Water Survey, sand and gravel deposits underlying Mason County constitute one of the largest Aquifers in Illinois. The area is a wide bedrock lowland that was formed at the confluence of the ancient Mississippi and Mohamet Rivers and is now buried beneath a thick mantle of glacial deposits, mainly sand and gravel.

The deposits include ancient stream fill and later glacial outwash that poured down the Illinois River Valley. Near Havana, the deposits range in thickness from about 100 to 150 feet and are composed of sand and gravel from land surface to the underlying bedrock units. In the upland areas, the glacial materials range in thickness from about 200 to 300 feet and are composed of sand and gravel at the base overlain by glacial till.

Pennsylvanian and Mississippian age rocks underlie the glacial deposits and are not generally developed as a source for groundwater. Rocks beneath the Mississippian units contain water that is too highly mineralized for most purposes.

The City of Havana (population 3,577 via 2000 Census) installed a public water supply in 1889. The City uses three wells that supply approximately 1600 services. Wells #2 and #4 are near the Havana Water Plant located on the block at the northeast intersection of E. Main and High Streets. Well #5 is located at the Chester Youth Center in Rice Park, between E. Adams and E. Washington Streets on S. Promenade Street. Well #4 is the primary well with #2 as back-up and #5 on stand-by for occasional use. Well #5 is closest to the Prairieland Steel site at 3500

feet east-northeast of the site. Wells #2 and #4 are located about 4000 feet northeast of the site. All three wells were finished in sand and gravel.

Illinois EPA's Division of Public Water Supplies sampled raw water from the three Havana wells in 1986. The analysis found no organic contamination, but did detect levels of manganese and iron. Quarterly sampling since 1990 has showed no contamination in well #4 as part of the United States Geological Service (USGS) trend site monitoring program.

5.2 Surface Water

Although the Prairieland Steel Site is located close to the Illinois River, the Flood Insurance Rate Maps indicate that it is located outside the 500-year flood boundary. It is unlikely for this reason that contamination from the site has impacted the river via the overland flow path.

Much of the site run-off enters on-site sewer and storm drains that flow to the Havana Sanitary Treatment Works. From the treatment plant, effluent flows into the Illinois River. Routine plant influent sampling by Illinois EPA's Division of Water Pollution Control (WPC) has revealed no abnormal waste characteristics that would be exclusively associated with Prairieland Steel.

An Illinois EPA WPC inspector has noted that several of the facility drains are of unknown destination. It is unclear whether or not these drains are flowing to the treatment plant. Since the Illinois River is only three and one half blocks west of the Prairieland Steel site, it may be that in the facility's early existence, French drains were built to carry the wastewater to the river.

According to Illinois EPA's Division of Public Water Supplies, the only River surface drinking water intake is located in Peoria, upstream of Havana. Despite no municipal intakes, the Havana stretch of the Illinois River is highly valued for other reasons. The Illinois Department of Conservation (IDOC) has listed the Illinois River at Havana as an important fishery and recreational area. Also, there is a large area of nearby wetlands associated with the River.

5.3 Soil Exposure

The soil exposure pathway appears to be the primary pathway of concern associated with the Prairieland Steel Facility. This determination is based upon information gathered during the 2008 Site Inspection, the 2004 Pre-CERCLIS Screening Assessment, and prior IEPA

investigations at the site. X-ray fluorescence and IEPA laboratory results indicate that in some areas of the site there is heavy metal contamination that meets CERCLA criteria for an observed release.

There is no indication that the property is used for recreational purposes. A maintained fence with locked gates around the back of the site is in place to deter trespassing to the back of the Prairieland Steel site. There are less than ten employees currently within the Prairieland Steel site. There is a densely populated residential area located immediately to the south and east of the site, but there are no daycares or schools close by. It should be noted that the site does not have good vegetative cover in some areas. However, at least half of the site is either paved over or confined within buildings. Exposure to Prairieland Steel's Hazardous wastes and potentially contaminated soil is limited by a fence that surrounds the back of the facility. "Keep Out" signs are located at the gates.

5.4 Air Route

There may be a potential for Prairieland Steel to impact the air pathway. Lead contaminated dust and waste soap was observed throughout the facility at one time. There were holes in the facility's roof which could have released the small amounts of contaminated dust and soap. Hazardous wastes were also alleged to have been piled up outside the facility. The piles are gone, but possible contaminated soil residues could become airborne.

Air monitoring was not conducted during the 2008 SI of the Prairieland Steel site. Heavy metal contamination was the focus of the 2004 Pre-CERCLIS Screening (PCS). Additionally, there is no indication in the files that open burning ever occurred on the site or that there were any reports of odors emanating from the site.

Section 6.0 Summary

The purpose of the 2008 Site Inspection was to determine if contamination still exists at the Prairieland Steel site and to determine if remediation objectives were being pursued. Upon completion of the Site Inspection, it was determined that contamination still exists at the property.

The groundwater pathway remains a concern. Information collected by the Illinois EPA's Source Water Assessment Program (SWAP) ArcIms Mapping Tool did not show any evidence

of private drinking wells. Although there are no documented wells, there is a possibility of some residents utilizing private drinking water wells, which could be contaminated by past processes at Prairieland Steel. The private wells sampled did show metal contamination above background levels. In addition, sample G205 had a trichloroethene detection above background levels.

In the past, windborne contamination from the site may have been emitted from the Prairieland Steel site. Contamination may have potentially been blown into the surrounding areas. Possible human exposure to airborne materials has not been documented.

Although most of the site is fenced, the front part of the site is not fenced. Soil exposure to workers on site and trespassers on the non fenced areas is a possibility. Soil samples collected at Prairieland Steel showed elevated levels of organic and inorganic contaminants.

The surface water pathway is not a direct concern. There is no direct overland route for potential run-off from the site to travel and no evidence of a groundwater to surface water discharge. Much of the site run-off enters on-site sewer and storm drains that flow to the Havana Sanitary Treatment Works. From the treatment plant, effluent flows into the Illinois River. Routine plant influent sampling by Illinois EPA's Division of Water Pollution Control (WPC) has revealed no abnormal waste characteristics that would be exclusively associated with Prairieland Steel. However, a release to the Illinois River is a possibility if French drains were located on-site.

Section 7.0 References

Berg, Richard C., and Kempton, John P., 1988, Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of 15 Meters, Illinois Stratigraphy, Illinois State Geological Survey

Goodwin Environmental Consultants, Inc. Site Investigation Work Plan for the Former Prairieland Steel Facility, Havana, IL.

Illinois Environmental Protection Agency, Bureau of Land; File for Prairieland Steel, LPC # 1250205005.

Illinois Environmental Protection Agency, Bureau of Land; File for Havana Right of Way, LPC # 1250205056.

U.S. Census data found at http://factfinder.census.gov/home/saff/main.html?_lang=en

Figure 1
SITE LOCATION MAP

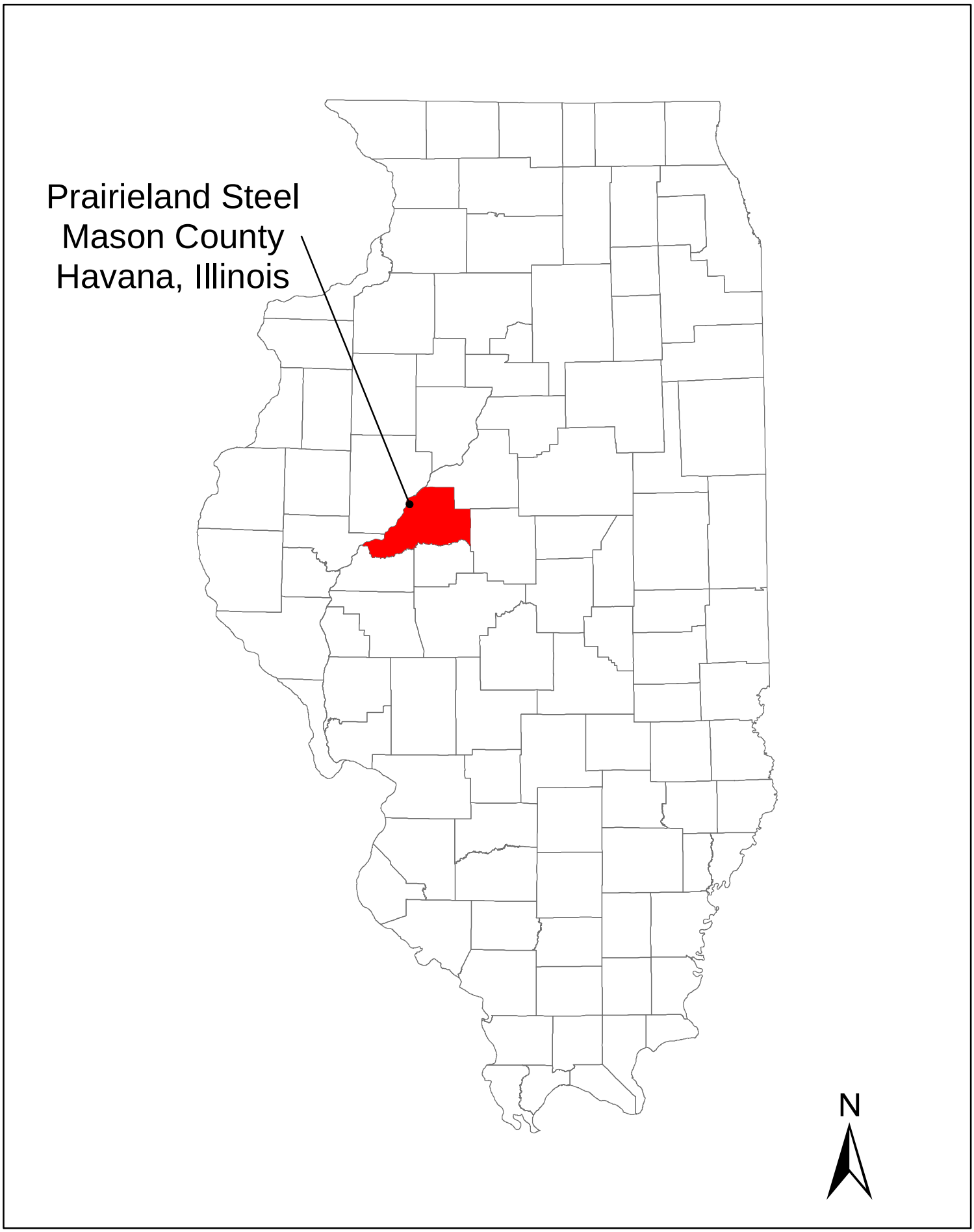
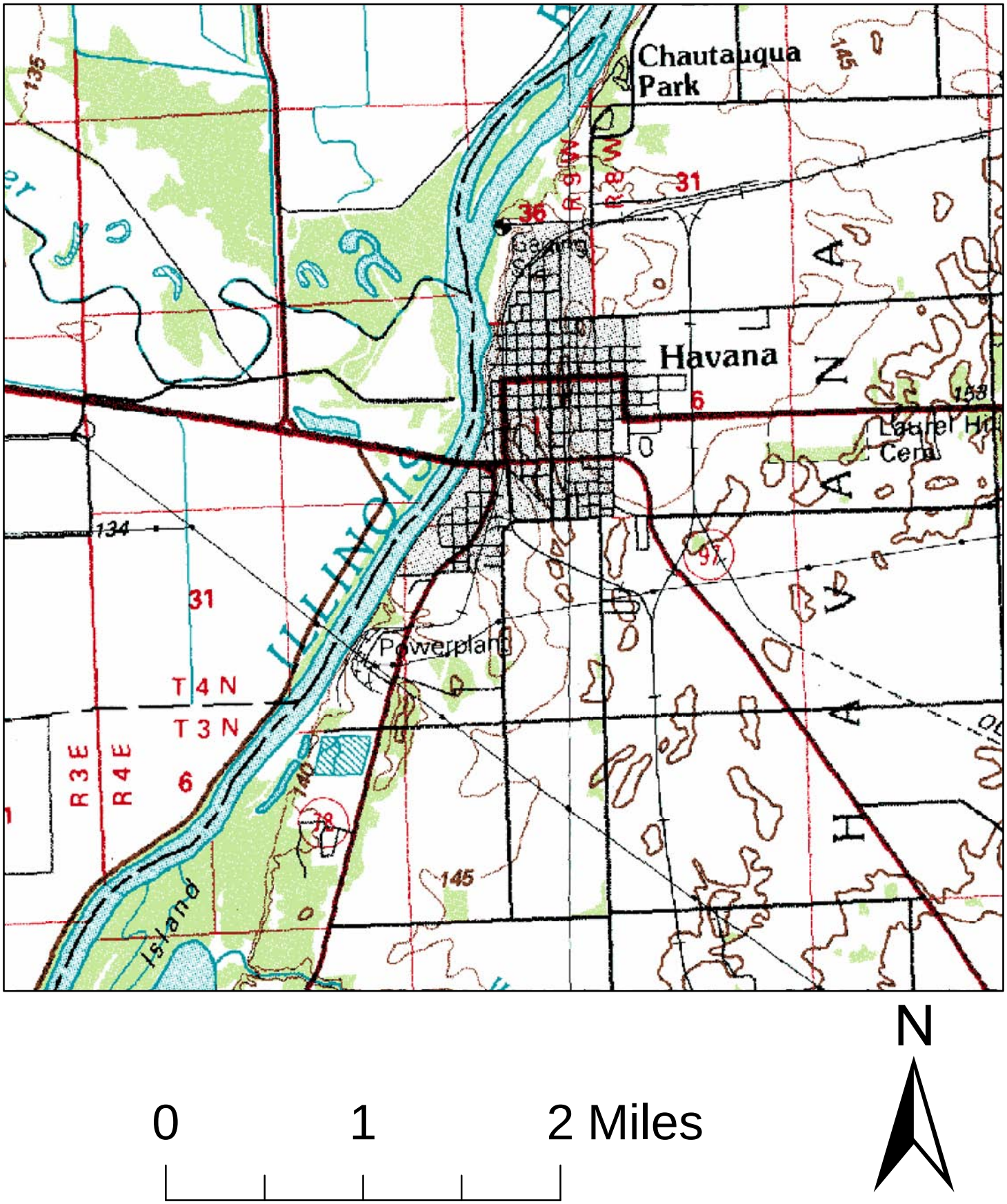


FIGURE 3

Site Topographic Map



N

0 1 2 Miles

FIGURE 3

Site Aerial Photograph

Figure 4a Soil Sample Locations

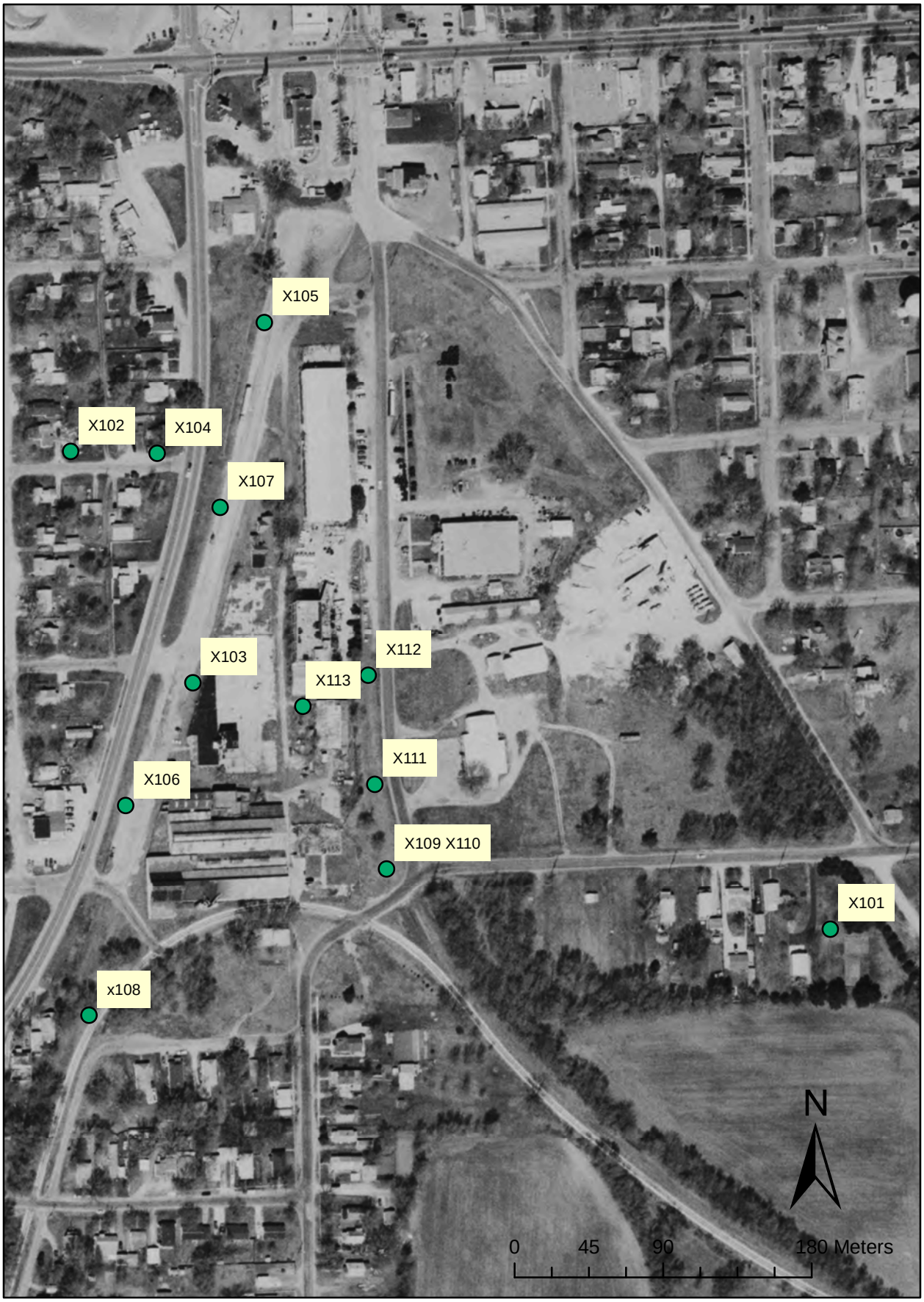


Figure 4b Groundwater Sample Locations

Figure 4c Residential Well Sample Locations

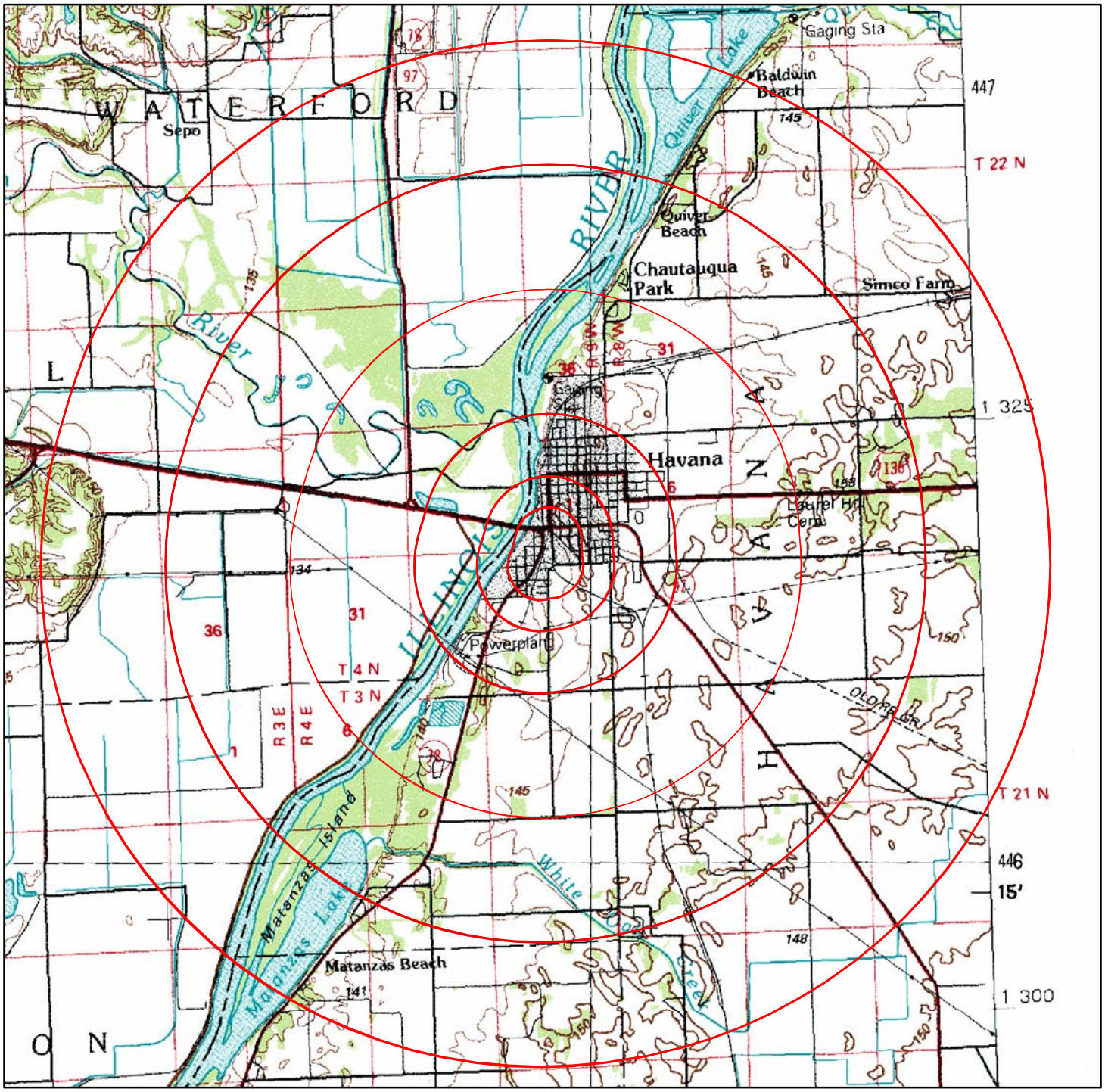
Non-Responsive

[redacted]

Figure 4d MIP Sample Locations

FIGURE 5

4 Mile Radius Map for Prairieland Steel



N

0 1 2 4 Miles

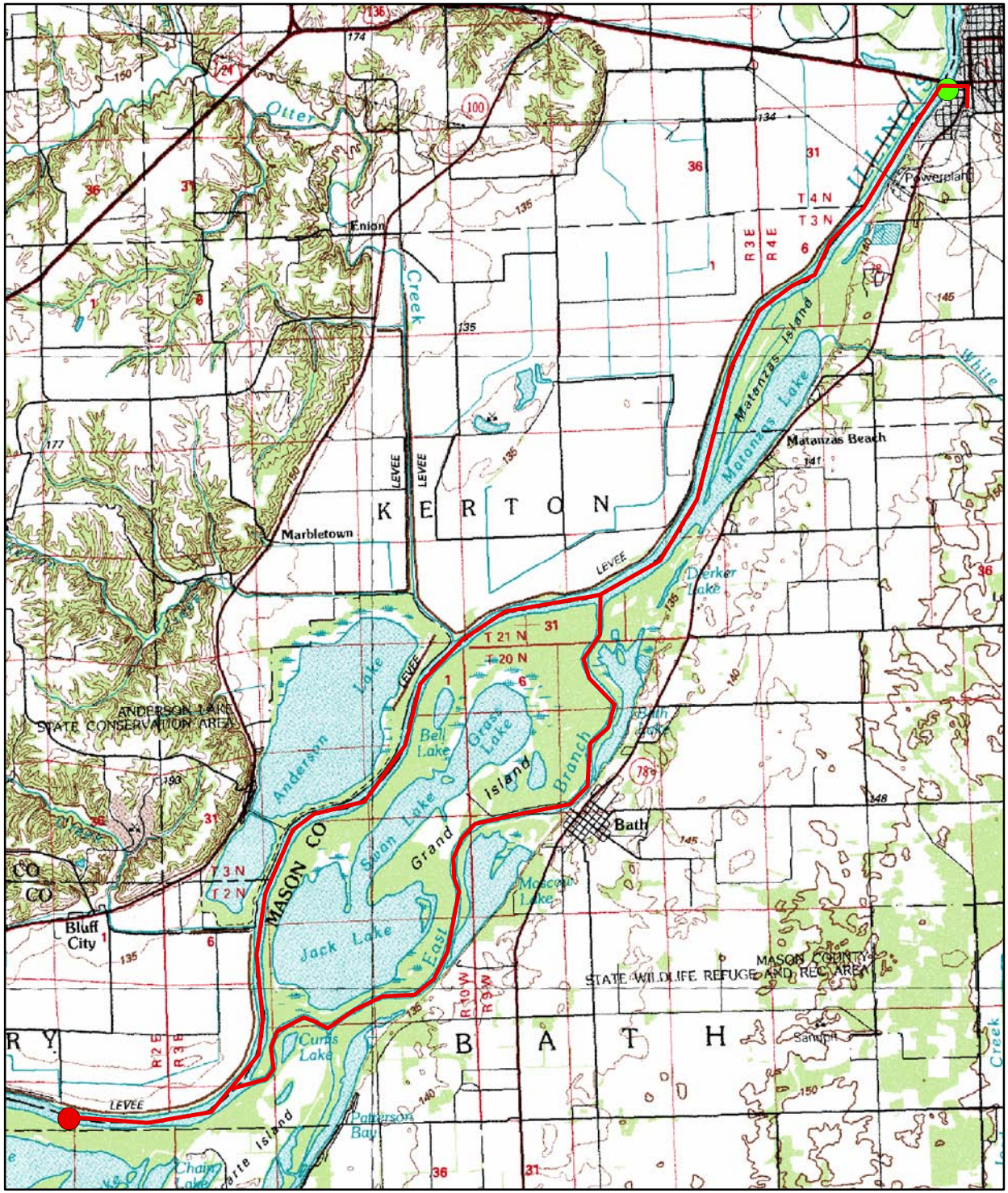


FIGURE 6

15-Mile In-Water Segment of Surface Water Pathway

Prairieland Steel

Legend

- Probable Point of Entry
- In-Water Segment
- 15-Mile Target Distance Limit

N

0 2.5 5 10 Miles

TABLE 1
Prairieland Steel, Havana
Well Water Analytical Results
Volatiles

Sample Number : Sampling Location : Matrix : Units : Dilution Factor :	E0091 G202 Water ug/L 1.0		3 times background		E0090 G201 Water ug/L 1.0		E0095 G203 Water ug/L 1.0		E0096 G204 Water ug/L 1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Vinyl chloride	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Trichlorofluoromethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Acetone	5.00	U	15		5.0	U	5.0	U	5.0	U
Carbon Disulfide	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Methyl acetate	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Methylene chloride	0.50	U	1.5		0.50	U	0.50	U	0.50	U
trans-1,2-Dichloroethene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Methyl tert-butyl ether	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
2-Butanone	5.00	U	15		5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Carbon tetrachloride	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Benzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Trichloroethene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Methylcyclohexane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Bromodichloromethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
cis-1,3-Dichloropropene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.00	U	15		5.0	U	5.0	U	5.0	U
Toluene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
trans-1,3-Dichloropropene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U

TABLE 1
Prairieland Steel, Havana
Well Water Analytical Results
Volatiles

Sample Number : Sampling Location : Matrix : Units : Dilution Factor :	E0091 G202 Water ug/L 1.0		3 times background		E0090 G201 Water ug/L 1.0		E0095 G203 Water ug/L 1.0		E0096 G204 Water ug/L 1.0	
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Tetrachloroethene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
2-Hexanone	5.00	U	15		5.0	U	5.0	U	5.0	U
Dibromochloromethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Styrene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	1.5		0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroethane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chloropropane	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	0.50	U	1.5		0.50	U	0.50	U	0.50	U

TABLE 1
Prairieland Steel, Havana
Well Water Analytical Results
Volatiles

Sample Number :	E00A4		E0088		VBLK1D		VBLKKF			
Sampling Location :	G205		TB1							
Matrix :	Water		Water		Water		Water			
Dilution Factor :	1.0		1.0		1.0		1.0			
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
Dichlorodifluoromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U		
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichlorofluoromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Acetone	5.0	U	5.0	U	5.0	U	5.0	U		
Carbon Disulfide	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U		
Methylene chloride	0.50	U	0.13	J	0.50	U	0.50	U		
trans-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U		
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U		
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U		
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U		
Benzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
Trichloroethene	2.0		0.50	U	0.50	U	0.50	U		
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
Bromodichloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
cis-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U		
Toluene	0.14	J	0.50	U	0.50	U	0.20	J		
trans-1,3-Dichloropropene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U		

TABLE 1
Prairieland Steel, Havana
Well Water Analytical Results
Volatiles

Sample Number :	E00A4		E0088		VBLK1D		VBLKKF			
Sampling Location :	G205		TB1							
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Dilution Factor :	1.0		1.0		1.0		1.0			
Trace Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
Tetrachloroethene	0.62		0.50	U	0.50	U	0.50	U		
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U		
Dibromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U		
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
Ethylbenzene	0.11	J	0.50	U	0.50	U	0.50	U		
o-Xylene	0.31	J	0.50	U	0.50	U	0.50	U		
m,p-Xylene	0.34	J	0.50	U	0.50	U	0.50	U		
Styrene	0.32	J	0.50	U	0.50	U	0.50	U		
Bromoform	0.50	UJ	0.50	U	0.50	U	0.50	U		
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,1,2,2-Tetrachloroethane	0.50	U	0.50	U	0.50	U	0.50	U		
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2-Dibromo-3-chloropropane	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,4-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		
1,2,3-Trichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U		

TABLE 2
Prairieland Steel, Havana
Well Water Analytical Results
SVOC

Sample Number :	E0091				E0090		E0095		E0096		E00A4	
Sampling Location :	G202				G201		G203		G204		G205	
Matrix :	Water		3 times		Water		Water		Water		Water	
Units :	ug/L		gackground		ug/L		ug/L		ug/L		ug/L	
pH :	7.6				7.3		7.5		7.2		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Phenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Bis(2-Chloroethyl)ether	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2-Chlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2-Methylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,2'-Oxybis(1-chloropropane)	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Acetophenone	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
4-Methylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
N-Nitroso-di-n-propylamine	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Hexachloroethane	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Nitrobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Isophorone	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2-Nitrophenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dimethylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Bis(2-chloroethoxy)methane	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dichlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Naphthalene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
4-Chloroaniline	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Hexachlorobutadiene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Caprolactam	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
4-Chloro-3-methylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2-Methylnaphthalene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Hexachlorocyclopentadiene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,4,6-Trichlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,4,5-Trichlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
1,1'-Biphenyl	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	UJ
2-Chloronaphthalene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2-Nitroaniline	10.0	U	30		10	U	10	U	10	U	10	U
Dimethylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,6-Dinitrotoluene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Acenaphthylene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
3-Nitroaniline	10.0	U	30		10	U	10	U	10	U	10	U
Acenaphthene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U

TABLE 2
Prairieland Steel, Havana
Well Water Analytical Results
SVOC

Sample Number :	E0091				E0090		E0095		E0096		E00A4	
Sampling Location :	G202				G201		G203		G204		G205	
Matrix :	Water		3 times		Water		Water		Water		Water	
Units :	ug/L		gackground		ug/L		ug/L		ug/L		ug/L	
pH :	7.6				7.3		7.5		7.2		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	10.0	U	30		10	U	10	U	10	U	10	U
4-Nitrophenol	10.0	U	30		10	U	10	U	10	U	10	U
Dibenzofuran	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dinitrotoluene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Diethylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Fluorene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
4-Chlorophenyl-phenylether	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
4-Nitroaniline	10.0	U	30		10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylphenol	10.0	U	30		10	U	10	U	10	U	10	U
N-Nitrosodiphenylamine	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
1,2,4,5-Tetrachlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
4-Bromophenyl-phenylether	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Hexachlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Atrazine	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Pentachlorophenol	10.0	U	30		10	U	10	U	10	U	10	U
Phenanthrene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Anthracene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Carbazole	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Di-n-butylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Fluoranthene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Pyrene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Butylbenzylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
3,3'-Dichlorobenzidine	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Benzo(a)anthracene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Chrysene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Bis(2-ethylhexyl)phthalate	2.5	J	7.5		5.0	U	7.0		5.0	U	1.3	J
Di-n-octylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Benzo(b)fluoranthene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Benzo(k)fluoranthene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Benzo(a)pyrene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Indeno(1,2,3-cd)pyrene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Dibenzo(a,h)anthracene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
Benzo(g,h,I)perylene	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U
2,3,4,6-Tetrachlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U	5.0	U

TABLE 3
Prairieland Steel, Havana
Well Water Analytical Results
SVOC SIM

Sample Number :	E0091				E0090		E0095		E0096		E00A4	
Sampling Location :	G202				G201		G203		G204		G205	
Matrix :	Water		3 times		Water		Water		Water		Water	
Units :	ug/L		gackground		ug/L		ug/L		ug/L		ug/L	
pH :	7.6				7.3		7.5		7.2		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Semivolatile SIM Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Naphthalene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
2-Methylnaphthalene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Acenaphthylene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Acenaphthene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	UJ
Fluorene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Pentachlorophenol	0.20	UJ	0.60		0.20	UJ	0.20	UJ	0.20	UJ	0.20	UJ
Phenanthrene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Anthracene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Fluoranthene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Pyrene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	UJ
Benzo(a)anthracene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Chrysene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Benzo(b)fluoranthene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Benzo(k)fluoranthene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Benzo(a)pyrene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Indeno(1,2,3-cd)pyrene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Dibenzo(a,h)anthracene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U
Benzo(g,h,I)perylene	0.10	U	0.30		0.10	U	0.10	U	0.10	U	0.10	U

TABLE 4
Prairieland Steel, Havana
Well Water Analytical Results
Pesticides

Sample Number :	E0091				E0090		E0095		E0096		E00A4	
Sampling Location :	G202				G201		G203		G204		G205	
Matrix :	Water		3 times background		Water		Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L		ug/L	
pH :	7.6				7.3		7.5		7.2		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
beta-BHC	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
gamma-BHC (Lindane)	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
Aldrin	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor epoxide	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan II	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDD	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan sulfate	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
Methoxychlor	0.500	U	1.5		0.50	U	0.50	U	0.50	U	0.50	U
Endrin ketone	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
Endrin aldehyde	0.100	U	0.3		0.10	U	0.10	U	0.10	U	0.10	U
alpha-Chlordane	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.15		0.050	U	0.050	U	0.050	U	0.050	U
Toxaphene	5.00	U	15		5.0	U	5.0	U	5.0	U	5.0	U

TABLE 5
Prairieland Steel, Havana
Well Water Analytical Results
PCBs

Sample Number :	E0091				E0090		E0095		E0096		E00A4	
Sampling Location :	G202				G201		G203		G204		G205	
Matrix :	Water		3 times background		Water		Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L		ug/L	
pH :	7.6				7.3		7.5		7.2		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1221	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1232	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1260	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1262	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1268	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U

TABLE 6
Prairieland Steel, Havana
Well Water Analytical Results
Metals

Sample Number :	ME0091				ME0090		ME0095		ME0096		ME00A4		ME00A4D	
Sampling Location :	G202				G201		G203		G204		G205		G205	
Matrix :	Water				Water		Water		Water		Water		Water	
Units :	ug/L		3 times background		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	4/28/2008				4/28/2008		4/28/2008		4/28/2008		4/29/2008		4/29/2008	
Time Sampled :														
%Solids :	0.0				0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM														
ANTIMONY	0.15	UJ	0.45		0.26	UJ	0.090		0.11	UJ	0.090		0.11	J
ARSENIC	1.7		5.1		0.82	UJ	0.63	UJ	0.77	UJ	0.59	UJ	0.71	J
BARIUM	20.4		61.2		20.8		27.1		26.4		44.2		44.3	
BERYLLIUM	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
CADMIUM	0.060	UJ	0.18		0.070	UJ	0.10	UJ	0.090	UJ	0.030	UJ	0.050	J
CALCIUM														
CHROMIUM	0.29	UJ	0.87		0.85	UJ	1.3	UJ	1.3	UJ	0.86	UJ	0.87	J
COBALT	0.20	UJ	0.6		0.36	UJ	0.23	UJ	0.22	UJ	0.30	UJ	0.51	J
COPPER	0.35	UJ	1.05		9.0		19.0		18.9		6.0		5.9	
IRON														
LEAD	0.34	UJ	1.02		1.3		7.8		8.9		0.84	UJ	0.85	J
MANGANESE	224		672		13.8		4.1		3.5		2.1		2.3	
MERCURY	0.030	U	0.09		0.025	U	0.031	U	0.025	U	0.058	U	0.030	
NICKEL	1.1		3.3		1.5		1.5		1.4		2.4		2.4	
POTASSIUM														
SELENIUM	0.51	UJ	1.53		0.73	UJ	1.2	UJ	1.3	UJ	0.98	UJ	0.92	J
SILVER	0.050	UJ	0.15		0.090	UJ	0.050	UJ	0.16	UJ	0.060	UJ	0.11	J
SODIUM														
THALLIUM	1.0	U	3.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
VANADIUM	5.0	U	15.0		1.0	U	0.81	UJ	0.66	UJ	0.61	UJ	0.64	J
ZINC	61.1		183.3		130		200		175		851		853	
CYANIDE	10.0	U	30.0		10.0	U	10.0	U	10.0	U	10.0	U	10	U

TABLE 7
Prairieland Steel, Havana
Ground Water Analytical Results
VOCs

Sample Number :	E0092		3 times background		E0098		E00A2		E00A5	
Sampling Location :	G101				G102		FB		G103	
Matrix :	Water				Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L	
Dilution Factor :	1.0				1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	15		5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	15		5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	15		5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	15		5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	15		5.0	U	5.0	U	5.0	U
Trichlorofluoromethan	5.0	U	15		5.0	UJ	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-t	5.0	U	15		5.0	UJ	5.0	U	5.0	U
Acetone	10.0	U	30		10	U	10	U	10	U
Carbon Disulfide	5.0	U	15		5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	15		5.0	UJ	5.0	U	5.0	U
Methylene chloride	5.0	U	15		5.0	UJ	5.0	U	5.0	U
trans-1,2-Dichloroethe	5.0	U	15		5.0	U	5.0	U	0.94	J
Methyl tert-butyl ether	5.0	U	15		5.0	UJ	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	15		5.0	U	5.0	U	5.3	
cis-1,2-Dichloroethene	5.0	U	15		5.0	U	5.0	U	84	
2-Butanone	10.0	U	30		10	U	10	U	10	U
Bromochloromethane	5.0	U	15		5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	15		5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	15		5.0	UJ	5.0	U	45	
Cyclohexane	5.0	U	15		5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	15		5.0	UJ	5.0	U	5.0	U
Benzene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	15		5.0	UJ	5.0	U	5.0	U
1,4-Dioxane	100.0	U	300		100	U	100	U	100	U
Trichloroethene	5.0	U	15		5.0	U	5.0	U	14	
Methylcyclohexane	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	15		5.0	U	5.0	U	5.0	U
Bromodichloromethan	5.0	U	15		5.0	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10.0	U	30		10	U	10	U	10	U
Toluene	5.0	U	15		5.0	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	15		5.0	U	5.0	U	5.0	U

TABLE 7
Prairieland Steel, Havana
Ground Water Analytical Results
VOCs

Sample Number :	E0092		3 times background		E0098		E00A2		E00A5	
Sampling Location :	G101				G102		FB		G103	
Matrix :	Water				Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L	
Dilution Factor :	1.0				1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	15		5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	15		5.0	U	5.0	U	260	
2-Hexanone	10.0	U	30		10	U	10	U	10	U
Dibromochloromethan	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	15		5.0	UJ	5.0	U	5.0	U
Chlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	15		5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	15		5.0	U	5.0	U	5.0	U
Styrene	5.0	U	15		5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	15		5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	5.0	U	15		5.0	UJ	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chlorop	5.0	U	15		5.0	UJ	5.0	U	5.0	U
1,2,4-Trichlorobenzen	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzen	5.0	U	15		5.0	U	5.0	U	5.0	U

TABLE 7
Prairieland Steel, Havana
Ground Water Analytical Results
VOCs

Sample Number :	E00A5DL		E00B0		E00B1		E0094			
Sampling Location :	G103		G104		G105		TB2			
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Dilution Factor :	2.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
Dichlorodifluorometha	10	U	5.0	U	5.0	U	5.0	U		
Chloromethane	10	U	5.0	U	5.0	U	5.0	U		
Vinyl chloride	10	U	5.0	U	5.0	U	5.0	U		
Bromomethane	10	U	5.0	U	5.0	U	5.0	U		
Chloroethane	10	U	5.0	U	5.0	U	5.0	U		
Trichlorofluoromethan	10	U	5.0	U	5.0	U	5.0	UJ		
1,1-Dichloroethene	10	U	5.0	U	5.0	U	5.0	U		
1,1,2-Trichloro-1,2,2-t	10	U	5.0	U	5.0	U	5.0	UJ		
Acetone	20	U	10	U	10	U	10	U		
Carbon Disulfide	10	U	5.0	U	5.0	U	5.0	U		
Methyl acetate	10	U	5.0	U	5.0	U	5.0	UJ		
Methylene chloride	10	U	5.0	U	5.0	U	5.0	UJ		
trans-1,2-Dichloroethe	0.88	J	5.0	U	5.0	U	5.0	U		
Methyl tert-butyl ether	10	U	5.0	U	5.0	U	5.0	UJ		
1,1-Dichloroethane	4.0	J	5.0	U	5.0	U	5.0	U		
cis-1,2-Dichloroethene	68		5.0	U	5.0	U	5.0	U		
2-Butanone	20	U	10	U	10	U	10	U		
Bromochloromethane	10	U	5.0	U	5.0	U	5.0	U		
Chloroform	10	U	5.0	U	5.0	U	5.0	U		
1,1,1-Trichloroethane	30		5.0	U	5.0	U	5.0	UJ		
Cyclohexane	10	U	5.0	U	5.0	U	5.0	U		
Carbon tetrachloride	10	U	5.0	U	5.0	U	5.0	UJ		
Benzene	10	U	5.0	U	5.0	U	5.0	U		
1,2-Dichloroethane	10	U	5.0	U	5.0	U	5.0	UJ		
1,4-Dioxane	200	U	100	U	100	U	100	U		
Trichloroethene	11		5.0	U	5.0	U	5.0	U		
Methylcyclohexane	10	U	5.0	U	5.0	U	5.0	U		
1,2-Dichloropropane	10	U	5.0	U	5.0	U	5.0	U		
Bromodichloromethan	10	U	5.0	U	5.0	U	5.0	U		
cis-1,3-Dichloroproper	10	U	5.0	U	5.0	U	5.0	U		
4-Methyl-2-pentanone	20	U	10	U	10	U	10	U		
Toluene	10	U	5.0	U	5.0	U	5.0	U		
trans-1,3-Dichloroprop	10	U	5.0	U	5.0	U	5.0	U		

TABLE 7
Prairieland Steel, Havana
Ground Water Analytical Results
VOCs

Sample Number :	E00A5DL		E00B0		E00B1		E0094			
Sampling Location :	G103		G104		G105		TB2			
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Dilution Factor :	2.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
1,1,2-Trichloroethane	10	U	5.0	U	5.0	U	5.0	U		
Tetrachloroethene	190		5.0	U	5.0	U	5.0	U		
2-Hexanone	20	U	10	U	10	U	10	U		
Dibromochloromethan	10	U	5.0	U	5.0	U	5.0	U		
1,2-Dibromoethane	10	U	5.0	U	5.0	U	5.0	UJ		
Chlorobenzene	10	U	5.0	U	5.0	U	5.0	U		
Ethylbenzene	10	U	5.0	U	5.0	U	5.0	U		
o-Xylene	10	U	5.0	U	5.0	U	5.0	U		
m,p-Xylene	10	U	5.0	U	5.0	U	5.0	U		
Styrene	10	U	5.0	U	5.0	U	5.0	U		
Bromoform	10	U	5.0	U	5.0	U	5.0	U		
Isopropylbenzene	10	U	5.0	U	5.0	U	5.0	U		
1,1,2,2-Tetrachloroeth	10	U	5.0	U	5.0	U	5.0	U		
1,3-Dichlorobenzene	10	U	5.0	U	5.0	U	5.0	U		
1,4-Dichlorobenzene	10	U	5.0	U	5.0	U	5.0	U		
1,2-Dichlorobenzene	10	U	5.0	U	5.0	U	5.0	U		
1,2-Dibromo-3-chlorop	10	U	5.0	U	5.0	U	5.0	U		
1,2,4-Trichlorobenzen	10	U	5.0	U	5.0	U	5.0	U		
1,2,3-Trichlorobenzen	10	U	5.0	U	5.0	U	5.0	U		

TABLE 7
Prairieland Steel, Havana
Ground Water Analytical Results
VOCs

Sample Number :	E00B4		E00B7		VBLK08		VBLK09		VHBLK01	
Sampling Location :	TB3		G106							
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-t	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	2.5	J	2.1	J	1.9	J
trans-1,2-Dichloroethe	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	U	100	U	100	U	100	U	100	U
Trichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	1.3	J
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

TABLE 7
Prairieland Steel, Havana
Ground Water Analytical Results
VOCs

Sample Number :	E00B4		E00B7		VBLK08		VBLK09		VHBLK01	
Sampling Location :	TB3		G106							
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	1.4	J	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzen	5.0	U	5.0	U	5.0	U	1.1	J	5.0	U
1,2,3-Trichlorobenzen	5.0	U	5.0	U	5.0	U	1.5	J	5.0	U

TABLE 8
Prairieland Steel, Havana
Ground Water Analytical Results
SVOCs

Sample Number :	E0092		3 times background		E0098		E00A2		E00A5	
Sampling Location :	G101				G102		FB		G103	
Matrix :	Water				Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L	
pH :	7.6				7.6		3.8		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	5.0	U	15		5.0	U	5.0	U	5.0	U
Phenol	5.0	U	15		5.0	U	5.0	U	5.0	U
Bis(2-Chloroethyl)ethe	5.0	U	15		5.0	U	5.0	U	5.0	U
2-Chlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U
2-Methylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U
2,2'-Oxybis(1-chloropr	5.0	U	15		5.0	U	5.0	U	5.0	U
Acetophenone	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Methylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U
N-Nitroso-di-n-propyla	5.0	U	15		5.0	U	5.0	U	5.0	U
Hexachloroethane	5.0	U	15		5.0	U	5.0	U	5.0	U
Nitrobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
Isophorone	5.0	U	15		5.0	U	5.0	U	5.0	U
2-Nitrophenol	5.0	U	15		5.0	U	5.0	U	5.0	U
2,4-Dimethylphenol	5.0	U	15		5.0	U	5.0	U	5.0	U
Bis(2-chloroethoxy)me	5.0	U	15		5.0	U	5.0	U	5.0	U
2,4-Dichlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U
Naphthalene	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Chloroaniline	5.0	U	15		5.0	U	5.0	U	5.0	U
Hexachlorobutadiene	5.0	U	15		5.0	U	5.0	U	5.0	U
Caprolactam	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Chloro-3-methylphe	5.0	U	15		5.0	U	5.0	U	5.0	U
2-Methylnaphthalene	5.0	U	15		5.0	U	5.0	U	5.0	U
Hexachlorocyclopenta	5.0	U	15		5.0	U	5.0	U	5.0	U
2,4,6-Trichlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U
2,4,5-Trichlorophenol	5.0	U	15		5.0	U	5.0	U	5.0	U
1,1'-Biphenyl	5.0	U	15		5.0	U	5.0	U	5.0	U
2-Chloronaphthalene	5.0	U	15		5.0	U	5.0	U	5.0	U
2-Nitroaniline	10.0	U	30		10	U	10	U	10	U
Dimethylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U
2,6-Dinitrotoluene	5.0	U	15		5.0	U	5.0	U	5.0	U
Acenaphthylene	5.0	U	15		5.0	U	5.0	U	5.0	U
3-Nitroaniline	10.0	U	30		10	U	10	U	10	U
Acenaphthene	5.0	U	15		5.0	U	5.0	U	5.0	U

TABLE 8
Prairieland Steel, Havana
Ground Water Analytical Results
SVOCs

Sample Number :	E0092		3 times background		E0098		E00A2		E00A5	
Sampling Location :	G101				G102		FB		G103	
Matrix :	Water				Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L	
pH :	7.6				7.6		3.8		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	10.0	U	30		10	U	10	U	10	U
4-Nitrophenol	10.0	U	30		10	U	10	U	10	U
Dibenzofuran	5.0	U	15		5.0	U	5.0	U	5.0	U
2,4-Dinitrotoluene	5.0	U	15		5.0	U	5.0	U	5.0	U
Diethylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U
Fluorene	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Chlorophenyl-pheny	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Nitroaniline	10.0	U	30		10	U	10	U	10	U
4,6-Dinitro-2-methylph	10.0	U	30		10	U	10	U	10	U
N-Nitrosodiphenylamir	5.0	U	15		5.0	U	5.0	U	5.0	U
1,2,4,5-Tetrachlorober	5.0	U	15		5.0	U	5.0	U	5.0	U
4-Bromophenyl-pheny	5.0	U	15		5.0	U	5.0	U	5.0	U
Hexachlorobenzene	5.0	U	15		5.0	U	5.0	U	5.0	U
Atrazine	5.0	U	15		5.0	U	5.0	U	5.0	U
Pentachlorophenol	10.0	U	30		10	U	10	U	10	U
Phenanthrene	5.0	U	15		5.0	U	5.0	U	5.0	U
Anthracene	5.0	U	15		5.0	U	5.0	U	5.0	U
Carbazole	5.0	U	15		5.0	U	5.0	U	5.0	U
Di-n-butylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U
Fluoranthene	5.0	U	15		5.0	U	5.0	U	5.0	U
Pyrene	5.0	U	15		5.0	U	5.0	U	5.0	U
Butylbenzylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U
3,3'-Dichlorobenzidine	5.0	U	15		5.0	U	5.0	U	5.0	U
Benzo(a)anthracene	5.0	U	15		5.0	U	5.0	U	5.0	U
Chrysene	5.0	U	15		5.0	U	5.0	U	5.0	U
Bis(2-ethylhexyl)phtha	5.0	U	15		5.0	U	5.0	U	5.0	U
Di-n-octylphthalate	5.0	U	15		5.0	U	5.0	U	5.0	U
Benzo(b)fluoranthene	5.0	U	15		5.0	U	5.0	U	5.0	U
Benzo(k)fluoranthene	5.0	U	15		5.0	U	5.0	U	5.0	U
Benzo(a)pyrene	5.0	U	15		5.0	U	5.0	U	5.0	U
Indeno(1,2,3-cd)pyren	5.0	U	15		5.0	U	5.0	U	5.0	U
Dibenzo(a,h)anthracer	5.0	U	15		5.0	U	5.0	U	5.0	U
Benzo(g,h,I)perylene	5.0	U	15		5.0	U	5.0	U	5.0	U
2,3,4,6-Tetrachlorophe	5.0	U	15		5.0	U	5.0	U	5.0	U

TABLE 8
Prairieland Steel, Havana
Ground Water Analytical Results
SVOCs

Sample Number :	SBLK5C		E00B0		E00B1		E00B7		SBLK5B	
Sampling Location :			G104		G105					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
pH :			7.5		7.5		7.4			
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Phenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bis(2-Chloroethyl)ethe	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Chlorophenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Methylphenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,2'-Oxybis(1-chloropr	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetophenone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methylphenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-Nitroso-di-n-propyla	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Hexachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Nitrobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isophorone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Nitrophenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dimethylphenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bis(2-chloroethoxy)me	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dichlorophenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Naphthalene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chloroaniline	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Hexachlorobutadiene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Caprolactam	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chloro-3-methylphe	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Methylnaphthalene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Hexachlorocyclopenta	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4,6-Trichlorophenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4,5-Trichlorophenol	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1'-Biphenyl	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Chloronaphthalene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Nitroaniline	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,6-Dinitrotoluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acenaphthylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3-Nitroaniline	10	U	10	U	10	U	10	U	10	U
Acenaphthene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

TABLE 8
Prairieland Steel, Havana
Ground Water Analytical Results
SVOCs

Sample Number :	SBLK5C		E00B0		E00B1		E00B7		SBLK5B	
Sampling Location :			G104		G105					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
pH :			7.5		7.5		7.4			
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dinitrotoluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Diethylphthalate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Fluorene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chlorophenyl-pheny	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Nitroaniline	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-methylph	10	U	10	U	10	U	10	U	10	U
N-Nitrosodiphenylamir	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4,5-Tetrachlorober	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Bromophenyl-pheny	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Hexachlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Atrazine	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Pentachlorophenol	10	U	10	U	10	U	10	U	10	U
Phenanthrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Anthracene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbazole	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Di-n-butylphthalate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Fluoranthene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Pyrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Butylbenzylphthalate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3,3'-Dichlorobenzidine	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzo(a)anthracene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chrysene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bis(2-ethylhexyl)phtha	10		5.0	U	5.0	U	1.4	J	5.0	U
Di-n-octylphthalate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzo(b)fluoranthene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzo(k)fluoranthene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzo(a)pyrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Indeno(1,2,3-cd)pyren	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dibenzo(a,h)anthracer	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzo(g,h,I)perylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,3,4,6-Tetrachlorophe	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

TABLE 9
Prairieland Steel, Havana
Ground Water Analytical Results
Pesticides

Sample Number :	E0092		3 times background		E0098		E00A2		E00A5	
Sampling Location :	G101				G102		FB		G103	
Matrix :	Water				Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Moisture :	N/A				N/A		N/A		N/A	
pH :	7.6				7.6		3.8		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050	U	0.150		0.050	U	0.050	U	0.050	U
beta-BHC	0.050	U	0.150		0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.150		0.050	U	0.050	U	0.050	U
gamma-BHC (Lindane	0.050	U	0.150		0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.150		0.050	U	0.050	U	0.050	U
Aldrin	0.050	U	0.150		0.050	U	0.050	U	0.050	U
Heptachlor epoxide	0.050	U	0.150		0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.150		0.050	U	0.050	U	0.050	U
Dieldrin	0.100	U	0.300		0.10	U	0.10	U	0.10	U
4,4'-DDE	0.100	U	0.300		0.10	U	0.10	U	0.10	U
Endrin	0.100	U	0.300		0.10	U	0.10	U	0.10	U
Endosulfan II	0.100	U	0.300		0.10	U	0.10	U	0.10	U
4,4'-DDD	0.100	U	0.300		0.10	U	0.10	U	0.10	U
Endosulfan sulfate	0.100	U	0.300		0.10	U	0.10	U	0.10	U
4,4'-DDT	0.100	U	0.300		0.10	U	0.10	U	0.10	U
Methoxychlor	0.500	U	1.500		0.50	U	0.50	U	0.50	U
Endrin ketone	0.100	U	0.300		0.10	U	0.10	U	0.10	U
Endrin aldehyde	0.100	U	0.300		0.10	U	0.10	U	0.10	U
alpha-Chlordane	0.050	U	0.150		0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.150		0.050	U	0.050	U	0.050	U
Toxaphene	5.000	U	15.000		5.0	U	5.0	U	5.0	U

TABLE 9
Prairieland Steel, Havana
Ground Water Analytical Results
Pesticides

Sample Number :	PBLK8W		E00B0		E00B1		E00B7			
Sampling Location :			G104		G105					
Matrix :	Water		Water		Water		Water			
Units :	ug/L		ug/L		ug/L		ug/L			
Date Sampled :			4/29/2008		4/29/2008					
Time Sampled :										
%Moisture :	0		N/A		N/A		N/A			
pH :			7.5		7.5		7.4			
Dilution Factor :	1.0		1.0		1.0		1.0			
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag		
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		
gamma-BHC (Lindane	0.050	U	0.050	U	0.050	U	0.050	U		
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U		
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U		
Heptachlor epoxide	0.050	U	0.050	U	0.050	U	0.050	U		
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U		
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U		
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U		
Endrin	0.10	U	0.10	U	0.10	U	0.10	U		
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		
Endosulfan sulfate	0.10	U	0.10	U	0.10	U	0.10	U		
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		
Endrin ketone	0.10	U	0.10	U	0.10	U	0.10	U		
Endrin aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		

TABLE 10
Prairieland Steel, Havana
Ground Water Analytical Results
PCBs

Sample Number :	E0092		3 times background		E0098		E00A2		E00A5	
Sampling Location :	G101				G102		FB		G103	
Matrix :	Water				Water		Water		Water	
Units :	ug/L				ug/L		ug/L		ug/L	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Moisture :	N/A				N/A		N/A		N/A	
pH :	7.6				7.6		3.8		7.2	
Dilution Factor :	1.0				1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1221	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1232	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1260	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1262	1.0	U	3.0		1.0	U	1.0	U	1.0	U
Aroclor-1268	1.0	U	3.0		1.0	U	1.0	U	1.0	U

TABLE 10
Prairieland Steel, Havana
Ground Water Analytical Results
PCBs

Sample Number :	E00B0		E00B1		E00B7					
Sampling Location :	G104		G105							
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :	4/29/2008		4/29/2008							
Time Sampled :										
%Moisture :	N/A		N/A		N/A					
pH :	7.5		7.5		7.4					
Dilution Factor :	1.0		1.0		1.0					
ANALYTE	Result	Flag	Result	Flag	Result	Flag				
Aroclor-1016	1.0	U	1.0	U	1.0	U				
Aroclor-1221	1.0	U	1.0	U	1.0	U				
Aroclor-1232	1.0	U	1.0	U	1.0	U				
Aroclor-1242	1.0	U	1.0	U	1.0	U				
Aroclor-1248	1.0	U	1.0	U	1.0	U				
Aroclor-1254	1.0	U	1.0	U	1.0	U				
Aroclor-1260	1.0	U	1.0	U	1.0	U				
Aroclor-1262	1.0	U	1.0	U	1.0	U				
Aroclor-1268	1.0	U	1.0	U	1.0	U				

TABLE 11
Prairieland Steel, Havana
Ground Water Analytical Results
Metals

Sample Number :	ME0092		ME0093				ME00A5		ME00A6	
Sampling Location :	G101		G101F				G103		G103F	
Matrix :	Water		Water				Water		Water	
Units :	ug/L		ug/L		3 times background		ug/L		ug/L	
Date Sampled :	4/28/2008		4/28/2008				4/29/2008		4/29/2008	
Time Sampled :										
%Solids :	0.0		0.0				0.0		0.0	
Dilution Factor :	1.0		1.0				1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	207	J	222	U	666		222	U	222	U
ANTIMONY	66.7	U	66.7	U	200.1		66.7	U	66.7	U
ARSENIC	11.1	U	11.1	U	33.3		11.1	U	11.1	U
BARIUM	13.9	UJ	12.5	UJ	41.7		62.8	UJ	62.0	UJ
BERYLLIUM	5.6	U	5.6	U	16.8		5.6	U	5.6	U
CADMIUM	5.6	U	5.6	U	16.8		5.6	U	5.6	U
CALCIUM	65300		64100		195900		71200		70800	
CHROMIUM	1.3	UJ	0.48	UJ	3.9		0.42	UJ	0.43	UJ
COBALT	0.81	UJ	55.6	U	166.8		55.6	U	55.6	U
COPPER	27.8	U	27.8	U	83.4		27.8	U	27.8	U
IRON	508	J	83.1	J	1524		228	J	146	J
LEAD	2.9	J	1.8	J	8.7		1.8	J	11.1	U
MAGNESIUM	23600		23300		70800		22500		22400	
MANGANESE	86.4		72.6		259.2		95.1		93.8	
MERCURY	0.2	U	0.2	U	0.6		0.20	U	0.20	U
NICKEL	2.1	J	44.4	U	133.2		1.2	J	1.1	J
POTASSIUM	1490	J	1350	J	4470		6650		6640	
SELENIUM	38.9	U	38.9	U	116.7		38.9	U	3.8	J
SILVER	3.2	UJ	4	UJ	12		3.0	UJ	2.9	J
SODIUM	6250		6310		18930		8000		7930	
THALLIUM	27.8	U	27.8	U	83.4		27.8	U	27.8	U
VANADIUM	1.4	UJ	55.6	U	166.8		55.6	U	55.6	U
ZINC	7	J	66.7	U	200.1		66.7	U	66.7	U
CYANIDE	10	U	10	U	30		10.0	U	10.0	U

TABLE 11
Prairieland Steel, Havana
Ground Water Analytical Results
Metals

Sample Number :	ME00B2		ME00B3		ME00B7		ME00C0		ME00B0	
Sampling Location :	G104F		G105F		G106		G106F		G104	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	4/29/2008		4/29/2008		4/29/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Solids :	0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	222	U	222	U	956		222	U	6910	
ANTIMONY	66.7	U	66.7	U	2.1	J	3.2	J	2.1	J
ARSENIC	11.1	U	11.1	U	11.1	U	11.1	U	4.7	J
BARIUM	21.9	UJ	21.6	UJ	23.9	UJ	15.9	J	56.5	UJ
BERYLLIUM	5.6	U	5.6	U	5.6	U	5.6	U	0.23	J
CADMIUM	5.6	U	5.6	U	0.14	UJ	5.6	U	0.26	UJ
CALCIUM	75000		74700		78500		67300		92500	
CHROMIUM	0.76	UJ	0.74	UJ	5.4	UJ	0.48	UJ	16.8	
COBALT	55.6	U	0.72	UJ	5.9	UJ	3.0	UJ	10.2	UJ
COPPER	27.8	U	27.8	U	5.5	J	27.8	U	15.4	J
IRON	19.3	J	43.8	J	2730	J	27.1	J	10500	J
LEAD	11.1	U	11.1	U	4.0	J	11.1	U	12.6	
MAGNESIUM	24300		24300		26800		22600		33400	
MANGANESE	39.3		43.1		369		186		361	
MERCURY	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	1.3	J	1.2	J	9.3	J	3.4	J	18.2	J
POTASSIUM	1690	J	1690	J	1820	J	1330	J	4650	J
SELENIUM	38.9	U	38.9	U	38.9	U	2.4	U	38.9	U
SILVER	4.7	J	3.7	J	3.8	J	1.4	J	3.8	J
SODIUM	12800		12800		8530		8310		13000	
THALLIUM	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U
VANADIUM	1.2	UJ	0.91	UJ	3.6	UJ	55.6	U	16.7	UJ
ZINC	4.7	J	5.0	J	23.2	J	3.8	J	60.4	J
CYANIDE	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U

TABLE 11
Prairieland Steel, Havana
Ground Water Analytical Results
Metals

Sample Number :	ME00B1		ME0098		ME0099		ME00A5D		ME00A2	
Sampling Location :	G105		G102		G102F		G103		FB	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	4/29/2008		4/28/2008		4/28/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Solids :	0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	5080		1040		45.1	J	222	U	222	U
ANTIMONY	66.7	U	66.7	U	66.7	U	2.6	J	66.7	U
ARSENIC	5.3	J	11.1	U	11.1	U	11.1	U	11.1	U
BARIUM	51.1	UJ	43.5	UJ	34.0	UJ	62.1	J	222	U
BERYLLIUM	5.6	U	5.6	U	5.6	U	5.6	U	5.6	U
CADMIUM	0.18	UJ	0.14	U	5.6	U	5.6	U	5.6	U
CALCIUM	97300		79200		75300		70400		5560	U
CHROMIUM	15.0		5.1	UJ	1.1	UJ	0.54	J	11.1	U
COBALT	11.1	UJ	7.5	UJ	2.1	UJ	55.6	U	55.6	U
COPPER	16.7	J	5.6	J	27.8	U	27.8	U	27.8	U
IRON	11200	J	2560	J	126	J	234		111	UJ
LEAD	10.2	J	6.8	J	1.2	U	2.3	J	1.7	J
MAGNESIUM	35300		28200		26400		22200		5560	U
MANGANESE	404		359		86.9		94.6		16.7	U
MERCURY	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
NICKEL	18.8	J	13.4	J	2.2	J	1.4	J	44.4	U
POTASSIUM	3770	J	9030		8570		6630		45.4	U
SELENIUM	38.9	U	4.1	J	2.5	U	38.9	U	38.9	U
SILVER	5.6	J	3.6	UJ	3.4	UJ	2.9	J	11.1	U
SODIUM	13200		22300		22100		7900		129	J
THALLIUM	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U
VANADIUM	13.4	UJ	4.6	UJ	0.90	U	55.6	U	55.6	U
ZINC	64.1	J	21.7	J	2.7	J	2.8	J	66.7	U
CYANIDE	10.0	U	10.0	U	10.0	U			10.0	U

TABLE 12
Prairieland Steel, Havana
Soil Analytical Results
VOCs

Sample Number :	E0087				E00A1		E00A3		E00B9		E00C1	
Sampling Location :	X101				X103		X105		X112		X113	
Matrix :	Soil				Soil		Soil		Soil		Soil	
Units :	ug/Kg		3 times background		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/30/2008		4/30/2008	
Time Sampled :												
%Moisture :	8				11		11		7		12	
pH :												
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Chloromethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Vinyl chloride	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Bromomethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Chloroethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Trichlorofluoromethan	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,1-Dichloroethene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,1,2-Trichloro-1,2,2-tr	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Acetone	9.6	U	28.8		11	U	15	U	10	U	9.8	U
Carbon Disulfide	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Methyl acetate	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Methylene chloride	4.8	U	14.4		5.5	U	7.7	U	5.2	U	11	
trans-1,2-Dichloroethe	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Methyl tert-butyl ether	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,1-Dichloroethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
cis-1,2-Dichloroethene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
2-Butanone	9.6	U	28.8		11	U	15	U	10	U	9.8	U
Bromochloromethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Chloroform	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,1,1-Trichloroethane	4.8	U	14.4		3.4	J	7.7	U	5.2	U	11	
Cyclohexane	4.8	UJ	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Carbon tetrachloride	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Benzene	4.8	UJ	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2-Dichloroethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,4-Dioxane	96	U	288		110	U	150	U	100	U	98	U
Trichloroethene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	2.4	J
Methylcyclohexane	4.8	UJ	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2-Dichloropropane	4.8	UJ	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Bromodichloromethan	4.8	UJ	14.4		5.5	U	7.7	U	5.2	U	4.9	U
cis-1,3-Dichloroproper	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
4-Methyl-2-pentanone	9.6	U	28.8		11	U	15	U	10	U	9.8	U
Toluene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
trans-1,3-Dichloroprop	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U

TABLE 12
Prairieland Steel, Havana
Soil Analytical Results
VOCs

Sample Number :	E0087		3 times background		E00A1		E00A3		E00B9		E00C1	
Sampling Location :	X101				X103		X105		X112		X113	
Matrix :	Soil				Soil		Soil		Soil		Soil	
Units :	ug/Kg				ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/30/2008		4/30/2008	
Time Sampled :												
%Moisture :	8				11		11		7		12	
pH :												
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Tetrachloroethene	4.8	U	14.4		46		7.7	U	5.2	U	8300	
2-Hexanone	9.6	U	28.8		11	U	15	U	10	U	9.8	U
Dibromochloromethan	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2-Dibromoethane	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Chlorobenzene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	5.5	J
Ethylbenzene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
o-Xylene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
m,p-Xylene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Styrene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Bromoform	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
Isopropylbenzene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,1,2,2-Tetrachloroeth	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,3-Dichlorobenzene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,4-Dichlorobenzene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2-Dichlorobenzene	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2-Dibromo-3-chlorop	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2,4-Trichlorobenzen	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U
1,2,3-Trichlorobenzen	4.8	U	14.4		5.5	U	7.7	U	5.2	U	4.9	U

TABLE 12
Prairieland Steel, Havana
Soil Analytical Results
VOCs

Sample Number :	E00A7		E00A8		E00B5		E00B6		E00B8	
Sampling Location :	X106		X107		X109		X110		X111	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/29/2008		4/29/2008		4/30/2008	
Time Sampled :										
%Moisture :	13		13		12		11		11	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Chloromethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Vinyl chloride	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Bromomethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Chloroethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Trichlorofluoromethan	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,1-Dichloroethene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,1,2-Trichloro-1,2,2-tr	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Acetone	16	U	11	U	14	U	12	U	13	U
Carbon Disulfide	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Methyl acetate	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Methylene chloride	8.0	U	15		26	J	18		6.4	U
trans-1,2-Dichloroethe	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Methyl tert-butyl ether	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,1-Dichloroethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
cis-1,2-Dichloroethene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
2-Butanone	16	U	11	U	14	U	12	U	13	U
Bromochloromethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Chloroform	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,1,1-Trichloroethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Cyclohexane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Carbon tetrachloride	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Benzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2-Dichloroethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,4-Dioxane	160	U	110	U	140	U	120	U	130	U
Trichloroethene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Methylcyclohexane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2-Dichloropropane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Bromodichloromethan	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
cis-1,3-Dichloroproper	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
4-Methyl-2-pentanone	16	U	11	U	14	U	12	U	13	U
Toluene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
trans-1,3-Dichloroprop	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U

TABLE 12
Prairieland Steel, Havana
Soil Analytical Results
VOCs

Sample Number :	E00A7		E00A8		E00B5		E00B6		E00B8	
Sampling Location :	X106		X107		X109		X110		X111	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/29/2008		4/29/2008		4/30/2008	
Time Sampled :										
%Moisture :	13		13		12		11		11	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Tetrachloroethene	8.0	U	5.7	U	1.7	J	1.6	J	6.4	U
2-Hexanone	16	U	11	U	14	U	12	U	13	U
Dibromochloromethan	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2-Dibromoethane	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Chlorobenzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Ethylbenzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
o-Xylene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
m,p-Xylene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Styrene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Bromoform	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
Isopropylbenzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,1,2,2-Tetrachloroeth	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,3-Dichlorobenzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,4-Dichlorobenzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2-Dichlorobenzene	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2-Dibromo-3-chlorop	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2,4-Trichlorobenzen	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U
1,2,3-Trichlorobenzen	8.0	U	5.7	U	7.1	U	6.0	U	6.4	U

TABLE 13
Prairieland Steel, Havana
Soil Analytical Results
SVOCs

Sample Number :	E0087				E00A1		E00A3		E00A7		E00A8	
Sampling Location :	X101				X103		X105		X106		X107	
Matrix :	Soil				Soil		Soil		Soil		Soil	
Units :	ug/Kg		3 times background		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/29/2008		4/29/2008	
Time Sampled :												
%Moisture :	8				11		11		13		13	
pH :	6.9				8.7		7.7		5.2		6.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	180	U	540		190	U	190	U	190	U	200	U
Phenol	180	U	540		190	U	190	U	190	U	200	U
Bis(2-Chloroethyl)ethe	180	U	540		190	U	190	U	190	U	200	U
2-Chlorophenol	180	U	540		190	U	190	U	190	U	200	U
2-Methylphenol	180	U	540		190	U	190	U	190	U	200	U
2,2'-Oxybis(1-chloropr	180	U	540		190	U	190	U	190	U	200	U
Acetophenone	180	U	540		190	U	190	U	190	U	200	U
4-Methylphenol	180	U	540		190	U	190	U	190	U	200	U
N-Nitroso-di-n-propyla	180	U	540		190	U	190	U	190	U	200	U
Hexachloroethane	180	U	540		190	U	190	U	190	U	200	U
Nitrobenzene	180	U	540		190	U	190	U	190	U	200	U
Isophorone	180	U	540		190	U	190	U	190	U	200	U
2-Nitrophenol	180	U	540		190	U	190	U	190	U	200	U
2,4-Dimethylphenol	180	U	540		190	U	190	U	190	U	200	U
Bis(2-chloroethoxy)me	180	U	540		190	U	190	U	190	U	200	U
2,4-Dichlorophenol	180	U	540		190	U	190	U	190	U	200	U
Naphthalene	180	U	540		190	U	56	J	100	J	200	U
4-Chloroaniline	180	U	540		190	U	190	U	190	U	200	U
Hexachlorobutadiene	180	U	540		190	U	190	U	190	U	200	U
Caprolactam	180	U	540		190	U	190	U	190	U	200	U
4-Chloro-3-methylphe	180	U	540		190	U	190	U	190	U	200	U
2-Methylnaphthalene	180	U	540		61	J	180	J	200		71	J
Hexachlorocyclopenta	180	U	540		190	U	190	U	190	U	200	U
2,4,6-Trichlorophenol	180	U	540		190	U	190	U	190	U	200	U
2,4,5-Trichlorophenol	180	U	540		190	U	190	U	190	U	200	U
1,1'-Biphenyl	180	U	540		190	U	190	U	45	J	200	U
2-Chloronaphthalene	180	U	540		190	U	190	U	190	U	200	U
2-Nitroaniline	350	U	1050		370	U	370	U	370	U	380	U
Dimethylphthalate	180	U	540		190	U	190	U	190	U	200	U
2,6-Dinitrotoluene	180	U	540		190	U	190	U	190	U	200	U
Acenaphthylene	180	U	540		43	J	78	J	190	U	200	U
3-Nitroaniline	350	U	1050		370	U	370	U	370	U	380	U
Acenaphthene	180	U	540		190	U	190	U	190	U	200	U

TABLE 13
Prairieland Steel, Havana
Soil Analytical Results
SVOCs

Sample Number :	E0087				E00A1		E00A3		E00A7		E00A8	
Sampling Location :	X101				X103		X105		X106		X107	
Matrix :	Soil				Soil		Soil		Soil		Soil	
Units :	ug/Kg		3 times background		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/29/2008		4/29/2008	
Time Sampled :												
%Moisture :	8				11		11		13		13	
pH :	6.9				8.7		7.7		5.2		6.2	
Dilution Factor :	1.0				1.0		1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	350	U	1050		370	U	370	U	370	U	380	U
4-Nitrophenol	350	U	1050		370	U	370	U	370	U	380	U
Dibenzofuran	180	U	540		190	U	60	J	190	U	200	U
2,4-Dinitrotoluene	180	U	540		190	U	190	U	190	U	200	U
Diethylphthalate	180	U	540		190	U	190	U	190	U	200	U
Fluorene	180	U	540		190	U	190	U	190	U	200	U
4-Chlorophenyl-pheny	180	U	540		190	U	190	U	190	U	200	U
4-Nitroaniline	350	U	1050		370	U	370	U	370	U	380	U
4,6-Dinitro-2-methylph	350	U	1050		370	U	370	U	370	U	380	U
N-Nitrosodiphenylamir	180	U	540		190	U	190	U	190	U	200	U
1,2,4,5-Tetrachlorober	180	U	540		190	U	190	U	190	U	200	U
4-Bromophenyl-pheny	180	U	540		190	U	190	U	190	U	200	U
Hexachlorobenzene	180	U	540		190	U	190	U	190	U	200	U
Atrazine	180	U	540		190	U	190	U	190	U	200	U
Pentachlorophenol	350	U	1050		370	U	370	U	370	U	380	U
Phenanthrene	180	U	540		230		330		160	J	180	J
Anthracene	180	U	540		190	U	67	J	190	U	200	U
Carbazole	180	U	540		190	U	190	U	190	U	200	U
Di-n-butylphthalate	180	U	540		190	U	190	U	190	U	200	U
Fluoranthene	180	U	540		450		390		240		380	
Pyrene	180	U	540		380		410		210		300	
Butylbenzylphthalate	180	U	540		190	U	190	U	190	U	200	U
3,3'-Dichlorobenzidine	180	U	540		190	U	190	U	190	U	200	U
Benzo(a)anthracene	180	U	540		240		260		130	J	180	J
Chrysene	180	U	540		270		330		150	J	210	
Bis(2-ethylhexyl)phtha	180	U	540		38	J	45	J	190	U	200	U
Di-n-octylphthalate	180	U	540		190	U	190	U	190	U	200	U
Benzo(b)fluoranthene	180	U	540		240		350		150	J	170	J
Benzo(k)fluoranthene	180	U	540		420		200		110	J	180	J
Benzo(a)pyrene	180	U	540		300		260		130	J	180	J
Indeno(1,2,3-cd)pyren	180	U	540		230		230		100	J	140	J
Dibenzo(a,h)anthracer	180	U	540		66	J	100	J	190	U	41	J
Benzo(g,h,I)perylene	180	U	540		230		220		95	J	120	J
2,3,4,6-Tetrachlorophe	180	U	540		190	U	190	U	190	U	200	U

TABLE 13
Prairieland Steel, Havana
Soil Analytical Results
SVOCs

Sample Number :	E00B5		E00B6		E00B8		E00B9		E00C1	
Sampling Location :	X109		X110		X111		X112		X113	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/30/2008		4/30/2008		4/30/2008	
Time Sampled :										
%Moisture :	12		11		11		7		12	
pH :	6.9		6.9		8.0		8.5		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	190	U	190	U	190	U	180	U	190	U
Phenol	190	U	190	U	190	U	180	U	190	U
Bis(2-Chloroethyl)ethe	190	U	190	U	190	U	180	U	190	U
2-Chlorophenol	190	U	190	U	190	U	180	U	190	U
2-Methylphenol	190	U	190	U	190	U	180	U	190	U
2,2'-Oxybis(1-chloropr	190	U	190	U	190	U	180	U	190	U
Acetophenone	190	U	190	U	190	U	180	U	190	U
4-Methylphenol	190	U	190	U	190	U	180	U	190	U
N-Nitroso-di-n-propyla	190	U	190	U	190	U	180	U	190	U
Hexachloroethane	190	U	190	U	190	U	180	U	190	U
Nitrobenzene	190	U	190	U	190	U	180	U	190	U
Isophorone	190	U	190	U	190	U	180	U	190	U
2-Nitrophenol	190	U	190	U	190	U	180	U	190	U
2,4-Dimethylphenol	190	U	190	U	190	U	180	U	190	U
Bis(2-chloroethoxy)me	190	U	190	U	190	U	180	U	190	U
2,4-Dichlorophenol	190	U	190	U	190	U	180	U	190	U
Naphthalene	83	J	69	J	190	U	180	U	190	U
4-Chloroaniline	190	U	190	U	190	U	180	U	190	U
Hexachlorobutadiene	190	U	190	U	190	U	180	U	190	U
Caprolactam	190	U	190	U	190	U	180	UJ	190	U
4-Chloro-3-methylphe	190	U	190	U	190	U	180	U	190	U
2-Methylnaphthalene	170	J	150	J	68	J	180	U	190	U
Hexachlorocyclopenta	190	U	190	U	190	U	180	U	190	U
2,4,6-Trichlorophenol	190	U	190	U	190	U	180	U	190	U
2,4,5-Trichlorophenol	190	U	190	U	190	U	180	U	190	U
1,1'-Biphenyl	190	U	190	U	190	U	180	UJ	190	U
2-Chloronaphthalene	190	U	190	U	190	U	180	U	190	U
2-Nitroaniline	370	U	370	U	370	U	350	U	370	U
Dimethylphthalate	190	U	190	U	190	U	180	UJ	190	U
2,6-Dinitrotoluene	190	U	190	U	190	U	180	U	190	U
Acenaphthylene	94	J	100	J	190	U	180	U	190	U
3-Nitroaniline	370	U	370	U	370	U	350	U	370	U
Acenaphthene	190	U	190	U	190	U	180	U	190	U

TABLE 13
Prairieland Steel, Havana
Soil Analytical Results
SVOCs

Sample Number :	E00B5		E00B6		E00B8		E00B9		E00C1	
Sampling Location :	X109		X110		X111		X112		X113	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/30/2008		4/30/2008		4/30/2008	
Time Sampled :										
%Moisture :	12		11		11		7		12	
pH :	6.9		6.9		8.0		8.5		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compour	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	370	U	370	U	370	U	350	U	370	U
4-Nitrophenol	370	U	370	U	370	U	350	U	370	U
Dibenzofuran	60	J	76	J	190	U	180	U	190	U
2,4-Dinitrotoluene	190	U	190	U	190	U	180	U	190	U
Diethylphthalate	190	U	190	U	190	U	180	UJ	190	U
Fluorene	190	U	190	U	190	U	180	U	190	U
4-Chlorophenyl-pheny	190	U	190	U	190	U	180	U	190	U
4-Nitroaniline	370	U	370	U	370	U	350	U	370	U
4,6-Dinitro-2-methylph	370	U	370	U	370	U	350	U	370	U
N-Nitrosodiphenylamir	190	U	190	U	190	U	180	U	190	U
1,2,4,5-Tetrachlorober	190	U	190	U	190	U	180	U	190	U
4-Bromophenyl-pheny	190	U	190	U	190	U	180	U	190	U
Hexachlorobenzene	190	U	190	U	190	U	180	U	190	U
Atrazine	190	U	190	U	190	U	180	U	190	U
Pentachlorophenol	370	U	370	U	370	U	350	U	370	U
Phenanthrene	280		320		40	J	36	J	190	U
Anthracene	52	J	42	J	190	U	180	U	190	U
Carbazole	71	J	46	J	190	U	180	U	190	U
Di-n-butylphthalate	190	U	190	U	190	U	180	UJ	190	U
Fluoranthene	540		460		190	UJ	180	UJ	82	J
Pyrene	520		440		190	UJ	180	UJ	81	J
Butylbenzylphthalate	190	U	190	U	190	U	180	UJ	190	U
3,3'-Dichlorobenzidine	190	U	190	U	190	U	180	U	190	U
Benzo(a)anthracene	390		300		190	UJ	180	UJ	190	U
Chrysene	520		400		190	UJ	180	UJ	190	U
Bis(2-ethylhexyl)phtha	190	U	190	U	190	U	180	UJ	100	J
Di-n-octylphthalate	190	U	190	U	190	U	180	UJ	190	U
Benzo(b)fluoranthene	770		670		190	U	180	UJ	190	U
Benzo(k)fluoranthene	880		650		190	U	180	UJ	190	U
Benzo(a)pyrene	660		560		190	U	180	UJ	190	U
Indeno(1,2,3-cd)pyren	640		480		190	U	180	UJ	190	U
Dibenzo(a,h)anthracer	220		210		190	U	180	UJ	190	U
Benzo(g,h,I)perylene	470		410		190	U	180	UJ	190	U
2,3,4,6-Tetrachlorophe	190	U	190	U	190	U	180	U	190	U

TABLE 14
Prairieland Steel, Havana
Soil Analytical Results
Pesticides

Sample Number :	E0087		3 times background		E00A1		E00A3		E00A7	
Sampling Location :	X101				X103		X105		X106	
Matrix :	Soil				Soil		Soil		Soil	
Units :	ug/Kg				ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Moisture :	8				11		11		13	
pH :	6.9				8.7		7.7		5.2	
Dilution Factor :	1.0				1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.8	U	5.4		1.9	U	1.9	U	1.9	U
beta-BHC	1.8	U	5.4		1.9	U	1.9	U	1.9	U
delta-BHC	1.8	U	5.4		1.9	U	1.9	U	1.9	U
gamma-BHC (Lindane	1.8	U	5.4		1.9	U	1.9	U	1.9	U
Heptachlor	1.8	U	5.4		1.9	U	1.9	U	1.9	U
Aldrin	1.8	U	5.4		1.9	U	1.9	U	1.9	U
Heptachlor epoxide	1.8	U	5.4		1.9	U	1.9	U	1.9	U
Endosulfan I	1.8	U	5.4		1.9	U	1.9	U	1.9	U
Dieldrin	3.6	U	10.8		3.7	U	3.7	U	3.8	U
4,4'-DDE	3.6	U	10.8		3.7	U	3.7	U	3.8	U
Endrin	3.6	U	10.8		3.7	U	3.7	U	3.8	U
Endosulfan II	3.6	U	10.8		3.7	U	3.7	U	3.8	U
4,4'-DDD	3.6	U	10.8		3.7	U	3.7	U	3.8	U
Endosulfan sulfate	3.6	U	10.8		3.7	U	3.7	U	3.8	U
4,4'-DDT	3.6	U	10.8		3.7	U	3.7	U	3.8	U
Methoxychlor	11	J	33		19	U	19	U	19	U
Endrin ketone	3.6	U	10.8		3.7	U	3.7	U	3.8	U
Endrin aldehyde	3.6	U	10.8		3.7	U	3.7	U	3.8	U
alpha-Chlordane	1.8	U	5.4		1.9	U	1.9	U	1.9	U
gamma-Chlordane	1.8	U	5.4		1.9	U	1.9	U	1.9	U
Toxaphene	180	U	540		190	U	190	U	190	U

TABLE 14
Prairieland Steel, Havana
Soil Analytical Results
Pesticides

Sample Number :	E00B5		E00B6		E00B8		E00B9		E00C1	
Sampling Location :	X109		X110		X111		X112		X113	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/30/2008		4/30/2008		4/30/2008	
Time Sampled :										
%Moisture :	12		11		11		7		12	
pH :	6.9		6.9		8.0		8.5		7.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
beta-BHC	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
delta-BHC	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
gamma-BHC (Lindane	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
Heptachlor	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
Aldrin	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
Heptachlor epoxide	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
Endosulfan I	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
Dieldrin	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
4,4'-DDE	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
Endrin	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
Endosulfan II	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
4,4'-DDD	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
Endosulfan sulfate	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
4,4'-DDT	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
Methoxychlor	19	U	19	U	19	U	18	U	19	U
Endrin ketone	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
Endrin aldehyde	3.7	U	3.7	U	3.7	U	3.5	U	3.7	U
alpha-Chlordane	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
gamma-Chlordane	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U
Toxaphene	190	U	190	U	190	U	180	U	190	U

TABLE 14
Prairieland Steel, Havana
Soil Analytical Results
Pesticides

Sample Number :	E00A8		E00C1MS		E00C1MSD		PBLKFV			
Sampling Location :	X107		X113		X113					
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	4/29/2008									
Time Sampled :										
%Moisture :	13		12		12		0			
pH :	6.2		7.8		7.8					
Dilution Factor :	1.0		1.0		1.0		1.0			
Pesticide Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.9	U	1.9	U	1.9	U	1.7	U		
beta-BHC	1.9	U	1.9	U	1.9	U	1.7	U		
delta-BHC	1.9	U	1.9	U	1.9	U	1.7	U		
gamma-BHC (Lindane	1.9	U	10		11		1.7	U		
Heptachlor	1.9	U	11		13		1.7	U		
Aldrin	1.9	U	10		11		1.7	U		
Heptachlor epoxide	1.9	U	1.9	U	1.9	U	1.7	U		
Endosulfan I	1.9	U	1.9	U	1.9	U	1.7	U		
Dieldrin	3.8	U	26		29		3.3	U		
4,4'-DDE	3.8	U	3.7	U	3.7	U	3.3	U		
Endrin	3.8	U	31		34		3.3	U		
Endosulfan II	3.8	U	3.7	U	3.7	U	3.3	U		
4,4'-DDD	3.8	U	3.7	U	3.7	U	3.3	U		
Endosulfan sulfate	3.8	U	3.7	U	3.7	U	3.3	U		
4,4'-DDT	3.8	U	26		31		3.3	U		
Methoxychlor	19	U	19	U	19	U	17	U		
Endrin ketone	3.8	U	3.7	U	3.7	U	3.3	U		
Endrin aldehyde	3.8	U	3.7	U	3.7	U	3.3	U		
alpha-Chlordane	1.9	U	1.9	U	1.9	U	1.7	U		
gamma-Chlordane	1.9	U	1.9	U	1.9	U	1.7	U		
Toxaphene	190	U	190	U	190	U	170	U		

TABLE 15
Prairieland Steel, Havana
Soil Analytical Results
PCBs

Sample Number :	E0087		3 times background		E00A1		E00A3		E00A7	
Sampling Location :	X101				X103		X105		X106	
Matrix :	Soil				Soil		Soil		Soil	
Units :	ug/Kg				ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/28/2008				4/28/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Moisture :	8				11		11		13	
pH :	6.9				8.7		7.7		5.2	
Dilution Factor :	1.0				1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	36	U	108		37	U	37	U	38	U
Aroclor-1221	36	U	108		37	U	37	U	38	U
Aroclor-1232	36	U	108		37	U	37	U	38	U
Aroclor-1242	36	U	108		37	U	37	U	38	U
Aroclor-1248	36	U	108		37	U	37	U	38	U
Aroclor-1254	36	U	108		37	U	37	U	38	U
Aroclor-1260	36	U	108		37	U	37	U	38	U
Aroclor-1262	36	U	108		37	U	37	U	38	U
Aroclor-1268	36	U	108		37	U	37	U	38	U

TABLE 15
Prairieland Steel, Havana
Soil Analytical Results
PCBs

Sample Number :	E00A8		E00B5		E00B6		E00B8		E00B9	
Sampling Location :	X107		X109		X110		X111		X112	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/29/2008		4/30/2008		4/30/2008	
Time Sampled :										
%Moisture :	13		12		11		11		7	
pH :	6.2		6.9		6.9		8.0		8.5	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	38	U	37	U	37	U	37	U	35	U
Aroclor-1221	38	U	37	U	37	U	37	U	35	U
Aroclor-1232	38	U	37	U	37	U	37	U	35	U
Aroclor-1242	38	U	37	U	37	U	37	U	35	U
Aroclor-1248	38	U	37	U	37	U	37	U	35	U
Aroclor-1254	38	U	37	U	37	U	37	U	35	U
Aroclor-1260	38	U	37	U	37	U	37	U	35	U
Aroclor-1262	38	U	37	U	37	U	37	U	35	U
Aroclor-1268	38	U	37	U	37	U	37	U	35	U

TABLE 15
Prairieland Steel, Havana
Soil Analytical Results
PCBs

Sample Number :	E00C1		E00C1MS		E00C1MSD					
Sampling Location :	X113		X113		X113					
Matrix :	Soil		Soil		Soil					
Units :	ug/Kg		ug/Kg		ug/Kg					
Date Sampled :	4/30/2008									
Time Sampled :										
%Moisture :	12		12		12					
pH :	7.8		7.8		7.8					
Dilution Factor :	1.0		1.0		1.0					
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aroclor-1016	37	U	58	J	110	J				
Aroclor-1221	37	U	37	U	37	U				
Aroclor-1232	37	U	37	U	37	U				
Aroclor-1242	37	U	37	U	37	U				
Aroclor-1248	37	U	37	U	37	U				
Aroclor-1254	37	U	37	U	37	U				
Aroclor-1260	37	U	88	J	170	J				
Aroclor-1262	37	U	37	U	37	U				
Aroclor-1268	37	U	37	U	37	U				

TABLE 16
Prairieland Steel, Havana
Soil Analytical Results
Metals

Sample Number :	ME00A0		ME00A1		ME00A3		ME00A7		ME00A8	
Sampling Location :	X104		X103		X105		X106		X107	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	4/29/2008		4/28/2008		4/29/2008		4/29/2008		4/29/2008	
Time Sampled :										
%Solids :	82.1		85.5		90.8		78.7		93.1	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	4060		3450		3350		2200		2640	
ANTIMONY	7.3	UJ	8.6	J	2.0	UJ	7.6	UJ	0.39	J
ARSENIC	7.8		780		110		6.4		7.4	
BARIUM	1020		86.6		64.1		104		62.8	
BERYLLIUM	0.68		0.93		0.75		0.33	J	0.47	J
CADMIUM	3.6		1.5		1.6		0.32	UJ	0.82	
CALCIUM	23700		17000		14900		958		2580	
CHROMIUM	20.9		11.5		8.5		18.5		10.3	
COBALT	4.1	UJ	6.3		4.0	UJ	0.82	UJ	3.0	UJ
COPPER	28.5		63.4		64.3		175		40.2	
IRON	17600		28100		20800		88600		12600	
LEAD	1460		358		185		28.7		198	
MAGNESIUM	2740		4760		2380		328	J	634	
MANGANESE	534		494		339		59.3		193	
MERCURY	0.047	J	0.19		0.12		0.13	U	0.13	
NICKEL	12.4		18.0		12.8		13.4		8.2	
POTASSIUM	920		562	J	468	J	1840		317	J
SELENIUM	1.2	J	2.2	J	1.5	J	4.9		0.81	J
SILVER	1.1	J	1.1	J	1.1	J	1.7	J	0.30	J
SODIUM	218	J	185	J	303	J	290	J	142	J
THALLIUM	0.63	UJ	1.2	UJ	0.77	UJ	1.9	UJ	0.63	UJ
VANADIUM	12.7		15.9		10.1		22.5		9.4	
ZINC	586		212		254		18.2		106	
CYANIDE	3.0	U	2.9	U	2.8	U	3.2	U	2.7	U

TABLE 16
Prairieland Steel, Havana
Soil Water Analytical Results
Metals

Sample Number :	ME00A9		ME00B5		ME00B6		ME00B8		ME00B9	
Sampling Location :	X108		X109		X110		X111		X112	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	4/29/2008		4/29/2008		4/29/2008		4/30/2008		4/30/2008	
Time Sampled :										
%Solids :	91.4		89.5		87.8		87.6		94.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	2680		3640		4270		3530		2840	
ANTIMONY	2.1	J	6.7	UJ	6.8	UJ	2.0	J	31.7	J
ARSENIC	419		97.1		77.6		7.6		141	
BARIUM	49.2		63.6		72.3		41.6		62.6	
BERYLLIUM	0.43	J	0.70		0.86		0.57		0.45	J
CADMIUM	0.65		1.4		1.6		0.73		0.81	
CALCIUM	8310		9120		11000		14900		18600	
CHROMIUM	8.1		10.2		10.2		7.2		8.7	
COBALT	3.7	UJ	4.4	UJ	4.1	UJ	4.2	UJ	5.3	U
COPPER	26.6		36.9		35.6		31.2		72.4	
IRON	16500		30300		26500		17300		16600	
LEAD	59.4		125		217		110		803	
MAGNESIUM	3940		2650		2780		6600		8800	
MANGANESE	273		306		301		306		466	
MERCURY	0.049	J	0.014	J	0.020	J	0.025	J	0.023	J
NICKEL	10.7		13.6		14.2		11.8		12.5	
POTASSIUM	433	J	428	J	606		409	J	390	J
SELENIUM	0.84	J	1.3	J	1.2	J	0.76	J	0.72	J
SILVER	0.74	J	0.94	J	1.1	J	0.92	J	1.0	J
SODIUM	92.1	J	190	J	267	J	91.5	J	81.9	J
THALLIUM	0.87	UJ	1.0	UJ	1.2	UJ	0.70	UJ	0.57	UJ
VANADIUM	7.7		10.7		11.5		10.5		10.5	
ZINC	78.5		180		175		103		75.2	
CYANIDE	2.7	U	2.8	U	2.8	U	2.9	U	2.7	U

TABLE 16
Prairieland Steel, Havana
Ground Water Analytical Results
Metals

Sample Number :	ME0087				ME0097		ME00A3D		ME00C1	
Sampling Location :	X101				X102		X105		X113	
Matrix :	Soil				Soil		Soil		Soil	
Units :	mg/Kg		3 times		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	4/28/2008		background		4/28/2008		4/29/2008		4/30/2008	
Time Sampled :										
%Solids :	91.6				85.5		90.7		92.3	
Dilution Factor :	1.0				1.0		1.0		1.0	
ANALYTE	Result	Flag	Result		Result	Flag	Result	Flag	Result	Flag
ALUMINUM	2550		7650		4410		3370		3220	
ANTIMONY	6.6	UJ	19.8		7.0	UJ	1.8	J	6.5	UJ
ARSENIC	2.8		8.4		5.9		131		4.6	
BARIUM	38.1		114.3		161		72.9		32.4	
BERYLLIUM	0.20	J	0.6		0.67		0.76		0.19	J
CADMIUM	0.20	J	0.6		1.2		1.9		0.030	UJ
CALCIUM	18000		54000		4130		12800		679	
CHROMIUM	4.7		14.1		10.4		9.4		5.3	
COBALT	2.9	J	8.7		5.4	UJ	4.5	J	5.8	
COPPER	5.1		15.3		16.9		78.7		4.7	
IRON	4880		14640		9770		27900		6330	
LEAD	11.6		34.8		110		211		5.6	
MAGNESIUM	689		2067		1070		2390		694	
MANGANESE	268		804		684		367		195	
MERCURY	0.11	U	0.33		0.096	J	0.11		0.11	U
NICKEL	4.8		14.4		10.1		14.5		7.9	
POTASSIUM	431	J	1293		869		488	J	327	J
SELENIUM	0.43	J	1.29		0.84	J	1.7	J	0.47	J
SILVER	0.67	UJ	2.01		0.43	J	0.93	J	0.14	J
SODIUM	15.2	J	45.6		45.2	J	297	J	71.3	J
THALLIUM	0.50	UJ	1.5		0.82	UJ	1.1	J	0.36	UJ
VANADIUM	7.2		21.6		12.2		10.0		8.3	
ZINC	30.4		91.2		179		270		16.1	
CYANIDE	2.7	U	8.1		2.9	U			2.7	U

Table 17
XRF Data

Site: Prairieland Steel

No	Cor1	Mo	Zr	Sr	Rb	Pb	Se	As	Hg	Zn	Cu	Ni	Co	Fe	Mn	Cr
1	Shutter Ca	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2		25.1	1069.6	154.3	123.5	483.6	342.4	475.2	<LOD	65.5	<LOD	<LOD	<LOD	30387.2	<LOD	398.4
3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5		<LOD	6.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
6		23.9	110.4	331.2	145.3	5737.6	<LOD	725.6	<LOD	7328	3009.6	<LOD	<LOD	34483.2	10297.6	<LOD
7		<LOD	83.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4908.8	<LOD	<LOD
8		<LOD	57.1	<LOD	20.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5017.6	<LOD	326.2
9		<LOD	75	<LOD	34.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3728	<LOD	<LOD
10		<LOD	65.2	<LOD	35.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7084.8	<LOD	<LOD
11		<LOD	100.1	<LOD	33.5	65.5	<LOD	<LOD	<LOD	122.8	<LOD	<LOD	<LOD	11494.4	<LOD	<LOD
12		<LOD	106.1	<LOD	36.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8934.4	<LOD	<LOD
13		<LOD	35.3	<LOD	27.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4169.6	<LOD	<LOD
14		<LOD	22.6	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4128	<LOD	<LOD
15		<LOD	34	<LOD	19.9	212.2	<LOD	<LOD	<LOD	141	<LOD	<LOD	<LOD	12595.2	<LOD	<LOD
16		<LOD	34	<LOD	19.9	212.2	<LOD	<LOD	<LOD	141	<LOD	<LOD	<LOD	12595.2	<LOD	<LOD
17		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1069.6	<LOD	<LOD	<LOD	<LOD	<LOD	17689.6	<LOD	<LOD
18		<LOD	67.8	<LOD	22.4	174.1	<LOD	450.4	<LOD	122.8	<LOD	<LOD	<LOD	16588.8	<LOD	<LOD
19		<LOD	43.6	<LOD	35.8	<LOD	<LOD	93	<LOD	<LOD	<LOD	<LOD	<LOD	5587.2	<LOD	<LOD
20	Shutter Ca	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
22		20.5	126.5	308.8	139.7	5657.6	<LOD	752	<LOD	7129.6	2840	<LOD	<LOD	34995.2	9939.2	<LOD
23		<LOD	26.1	<LOD	41.4	179.9	<LOD	<LOD	<LOD	190.2	<LOD	<LOD	<LOD	37580.8	<LOD	<LOD
24		<LOD	28	<LOD	22.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3609.6	<LOD	<LOD
25		<LOD	28	<LOD	22.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3609.6	<LOD	<LOD
26		<LOD	65.5	<LOD	25.8	98	<LOD	<LOD	<LOD	185.1	<LOD	1200	<LOD	8505.6	<LOD	<LOD
27		<LOD	44.7	<LOD	23.7	50.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8364.8	<LOD	<LOD
28		<LOD	71.7	<LOD	34.1	110.6	<LOD	<LOD	<LOD	114.4	<LOD	<LOD	<LOD	17088	<LOD	<LOD
29		<LOD	48.2	<LOD	31.9	87.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21888	<LOD	657.2
30		<LOD	48.2	<LOD	31.9	87.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21888	<LOD	657.2
31		<LOD	63.3	<LOD	28.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7424	<LOD	<LOD
32		<LOD	59.8	<LOD	37.7	110.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8876.8	<LOD	<LOD
33		<LOD	65.9	<LOD	<LOD	105.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9286.4	<LOD	<LOD
	<LOD = Less than Limit of Detection															
34		33.1	58.6	<LOD	<LOD	126.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9356.8	<LOD	<LOD

35	<LOD	76.3	<LOD	92.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	587776	<LOD	<LOD
36	<LOD	52.9	<LOD	43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77260.8	<LOD	<LOD
37	<LOD	77.7	<LOD	25.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14195.2	<LOD	<LOD
38	<LOD	43.7	<LOD	35.1	74	<LOD	<LOD	<LOD	194.5	<LOD	<LOD	<LOD	28390.4	<LOD	<LOD
39	<LOD	29.8	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22796.8	<LOD	<LOD
40	<LOD	57.8	<LOD	21.1	458.4	<LOD	273.6	<LOD	590	<LOD	<LOD	<LOD	38579.2	<LOD	<LOD
41	<LOD	147.8	<LOD	47	258.8	<LOD	149.3	<LOD	382.2	<LOD	<LOD	<LOD	98867.2	<LOD	<LOD
42	<LOD	224.4	<LOD	17.5	125	<LOD	61.4	<LOD	245.2	<LOD	<LOD	<LOD	79155.2	<LOD	<LOD
43	<LOD	118.5	<LOD	50.9	106.7	<LOD	775.6	<LOD	119.8	<LOD	<LOD	<LOD	47180.8	<LOD	<LOD
44	<LOD	32.2	<LOD	22.2	60.5	<LOD	<LOD	<LOD	250.4	<LOD	<LOD	<LOD	25792	<LOD	<LOD
45	<LOD	64.5	<LOD	30.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5187.2	<LOD	395
46	<LOD	36.2	<LOD	27.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5017.6	<LOD	419.2
47 Shutter Ca	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
48	<LOD	5.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
49	20.4	112.9	320.6	144.5	5760	<LOD	651.2	<LOD	7168	2809.6	<LOD	<LOD	34380.8	9996.8	<LOD
50	<LOD	37.1	<LOD	<LOD	212.2	<LOD	<LOD	<LOD	210.8	<LOD	<LOD	<LOD	23091.2	<LOD	<LOD
51	<LOD	50.7	<LOD	29.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	464	<LOD	5238.4	<LOD	<LOD
52	<LOD	34.8	<LOD	26	407	<LOD	287.6	<LOD	94.4	<LOD	<LOD	<LOD	21299.2	<LOD	<LOD
53	<LOD	22.1	<LOD	31.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3977.6	<LOD	<LOD
54	<LOD	72.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17395.2	<LOD	<LOD
55 Shutter Ca	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
56 Shutter Ca	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
57	<LOD	7.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
58	15.9	117.4	299.4	166.6	5760	<LOD	691.2	<LOD	7129.6	2948.8	<LOD	<LOD	35686.4	10099.2	<LOD
59	<LOD	116.4	<LOD	26.9	48.2	<LOD	<LOD	<LOD	180.6	<LOD	396.6	<LOD	7238.4	<LOD	<LOD
60	<LOD	25.3	<LOD	<LOD	410	<LOD	<LOD	<LOD	1060	<LOD	<LOD	<LOD	26598.4	<LOD	<LOD
61	<LOD	50.5	<LOD	<LOD	142.2	<LOD	<LOD	<LOD	880	<LOD	<LOD	<LOD	10099.2	<LOD	<LOD
62	<LOD	139.5	<LOD	<LOD	560.8	<LOD	<LOD	<LOD	5440	<LOD	<LOD	<LOD	98662.4	<LOD	<LOD
63	<LOD	204.4	339.6	109.6	371.6	<LOD	<LOD	<LOD	2268.8	<LOD	<LOD	<LOD	196915	<LOD	<LOD
64	<LOD	254	<LOD	<LOD	4348.8	<LOD	<LOD	<LOD	32000	<LOD	<LOD	<LOD	153907	<LOD	<LOD
65	<LOD	180.6	<LOD	44.3	606.4	<LOD	<LOD	<LOD	2388.8	<LOD	<LOD	<LOD	23193.6	<LOD	<LOD
66	86.4	134.1	376.4	115.9	560.8	<LOD	<LOD	<LOD	6988.8	<LOD	<LOD	<LOD	404890	<LOD	<LOD
67	<LOD	239.4	<LOD	41.1	114.4	<LOD	<LOD	<LOD	317.4	<LOD	<LOD	<LOD	7366.4	<LOD	<LOD
68	<LOD	64.8	<LOD	<LOD	167.5	<LOD	<LOD	<LOD	705.6	<LOD	<LOD	<LOD	19392	<LOD	902.4
69	<LOD	47.4	<LOD	<LOD	380.2	<LOD	<LOD	<LOD	1859.2	<LOD	<LOD	<LOD	7347.2	<LOD	<LOD
70	<LOD	71.3	171	199.4	348.6	<LOD	<LOD	257.6	86784	<LOD	<LOD	<LOD	121958	<LOD	<LOD
71	22.7	149.3	<LOD	49.3	620.4	<LOD	<LOD	<LOD	2628.8	<LOD	<LOD	<LOD	15296	<LOD	<LOD

<LOD = Less than Limit of Detection

4-28-08 Fairieland Steel
219 W Tinkam
@ 1215 4/28/08

Owner said well was 34' deep.

1' Fine Sand Some Silt (dark)
XRF #7 —
PPb BK

2' Same as above
XRF #8 —
PPb BK

3' Same as above
XRF #9 —
PPb BK

5' Tan Sand
XRF #10 —
PPb BK

X101
Sample taken from 3" to 1.5' @ 12:35.

GW Point G101
total 33.5 Exposed up 27.5'
Water @ 15' BGS

Began Purge 13:05

G101	Temp	pH	Cond	
13:10	11.7°C	6.52	0.5 ms/cm	LT TAN TINT
13:15	11.9	7.05	0.43	LT TAN TINT
13:20	12.1	7.14	0.424	CLEAR
13:25	12.1	7.16	0.422	CLEAR

Sample taken (G101) @ 13:30 DR.

727 S. State Street

X102 Sandy loam down to about a foot (1')
then dark, fine sand down to 4'
1' XRF #11 Pb 65.5 pPb Ray background
2" " #12 Fe 8930 " "

4' to 8' dark brown fine sand

5' XRF #13 Fe 4170 pPb Ray background

8' to 12" dark brown fine sand
10' XRF #14 Fe 4130 pPb Ray background
Sample X102 taken @ 14:45

GW POINT G102
TOTAL DEPTH 33.0' RETRACT RODS 4' TO 29'
DEPTH TO GW 15' BELOW GROUND SURFACE.
G
BEGIN PURGING @ 1500

	TEMP	pH	COND	
15:05	11.6 C	7.53	0.584	DARK BROWN IN COLOR
15:10	12.1	7.50	0.579	MED. BROWN TINT
15:15	12.1	7.47	0.575	" " "
15:20	12.2	7.47	0.572	LT BROWN TINT

G102 SAMPLED @ 15:~~25~~ 30 DR.

4-28-08

X103 ~~102~~

0" - 3" grass and gravel

3" - 1' black oil stained

1' - 3' gravel fill material brown

3' - 4' tan fine sand

4' - 8' tan fine sand

1' - ppb ray 87 XRF # 18 As 450

3.5' - " 84 XRF # 19 As 93

Sample X103 taken at 16:45

4-29-08

G103 will be taken @ a monitoring well near sample X103.

29' 6" to bottom of well

18' 4" to top of water column

time	temp °C	pH	Cond.	comments
9:55	11.4	5.80	0.486	INITIAL ORANGE TINT BUT CLEARED IN 10 MIN.
10:05	12.1	6.86	0.462	CLEAR
10:10	12.4	7.06	0.459	CLEAR
10:15	12.5	7.09	0.461	CLEAR

SAMPLE COLLECTED @ 10:15 G103

~~102~~

4-29-08

X105

XRF #23 @1' Pb: 180, PPb Ray 12ppb

XRF #24 @2' Pb: BDL, PPB Ray 0ppb

0-2" GRAVEL

2"-1' BLACK SILTY LOAM, BLACK SAND (FINE), CINDERS (FINE)

1'-2.2' MED-DK TAN FINE UNIFORM SAND

2.2'-3' MED TAN FINE UNIFORM SAND

TOTAL RECOVERY OF 3' IN SLEEVE.

Sample X105 and MS/MSD taken @ 1' @ 11:40.

X106 taken @ private residence GPS ed in XRF #27? Where were #25 & 26?

One XRF was a duplicate the other was operator error.

X107

1' XRF #28 Pb 111, Ray BK

2' XRF #29 Pb 87, Ray BK

CR 657, Ray BK

5' Burnt Black layer

6-7' Sandy Clay Light Brown

7-8' Fine Tan Sand

@ 1230 6"-1'

XRFs #30-34 taken across street @ residences

BR

X106

XRF #35 1' Fe 588K

0-3" gravel pavement

3" - 3' same as X105

XRF #36 2' Fe 77.3K

XRF #37 3' Fe 14.2K

Ppb Ray @ 1', 2', 3' all background

3' - 4' tan fine sand

X106 taken @ 1' @ 13:05.

* Tom Crause took XRF readings at unknown locations. These are #38 & #39, #40, #41, #42

XRF #40 was taken South of main gate. This screening included Pb and As.

XRF #43 was taken at a railway south of site. Sample X108 taken here @ 13:30

G104 and G105 taken @ 13:40

Began Purge @ 13:20 cloudy lt. tan

13:25	12.8°C	7.42 pH	0.494 cond.	lt tan tint
13:30	13.1	7.35	0.493	"
13:35	13.1	7.41	0.495	"

RR

X109 XRF 2' #45 Cr 395

0" - 9" fine tanned sand

9" - 2½' stained black material

2½' - 4' wet fine sand

XRF 3' #46 Cr 419

Sample X109 and X110 taken @ 14:55 at 2'

For groundwater the depth of the well was 30'. The top of the wate column was @ 16.5'.

time	temp °C	pH	cond.	comments
15:05	Began purging			
15:10	12.7	7.89	0.465	lt. brown tint
15:15	12.7	7.72	0.464	lt. brown tint
15:20	12.6	7.67	0.459	LT. TAN TINT
15:25	12.6	7.67	0.457	LT. TAN TINT

SAMPLE COLLECTED @ 15:30 G106

DR

4-29-08

DR 4-30-08

X111

0' - 2' Stained black sand & gravel fill

2' - 4' wet fine tan sand

XRF #50 1' Pb - 217

#51 3' Ni - 464

Sample X111 taken @ 830 at 1'

X112

0' - 1.5' Stained black sand & gravel fill

1.5' - 4' wet fine tan sand

XRF #52 As 288

#53 Fe 3980

MIP 0067 207K = baseline

flatlined @ about 5'. Stayed flat until 20', which is when we stopped.

MIP 0068 around 300K = baseline

baseline kept dropping due to bake-off of contamination from last hole.

No detects

MIP0069 around 277K = baseline

No detects, water about 14.2'

MIP0070 around 208K = baseline

MIP 0071 CHECK OF PROBE HEAD - OK

MIP0072

Hint of a volatile @ 12 ft?

X113 at MIP0067

Sample taken @ 6' @ 14:45

SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/28/2008
TIME:	12:35
PHOTO BY:	Dave Reed
DIRECTION:	Northwest
COMMENTS: X101; G101	

DATE:	4/28/2008
TIME:	14:45
PHOTO BY:	Dave Reed
DIRECTION:	South
COMMENTS: X102	

SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/28/2008
TIME:	16:45
PHOTO BY:	Dave Reed
DIRECTION:	West
COMMENTS: X103	

DATE:	4/28/2008
TIME:	16:10
PHOTO BY:	Dave Reed
DIRECTION:	East
COMMENTS: X104 (sample number is mis-labeled in picture)	

SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/29/2008
TIME:	11:40
PHOTO BY:	Dave Reed
DIRECTION:	Southwest
COMMENTS: X105	

DATE:	4/29/2008
TIME:	13:05
PHOTO BY:	Dave Reed
DIRECTION:	Northwest
COMMENTS: X106	

SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/29/2008
TIME:	12:30
PHOTO BY:	Dave Reed
DIRECTION:	South
COMMENTS:	
X107	

DATE:	4/29/2008
TIME:	14:55
PHOTO BY:	Dave Reed
DIRECTION:	Southeast
COMMENTS:	
X109, X110	

SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/30/2008
TIME:	08:30
PHOTO BY:	Dave Reed
DIRECTION:	South
COMMENTS:	
X111	

DATE:	4/30/2009
TIME:	09:00
PHOTO BY:	Dave Reed
DIRECTION:	West
COMMENTS:	
X112	

SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/30/2009
TIME:	14:45
PHOTO BY:	Dave Reed
DIRECTION:	North
COMMENTS:	
X113	

DATE:	4/28/2008
TIME:	15:30
PHOTO BY:	Dave Reed
DIRECTION:	South
COMMENTS:	
G102	

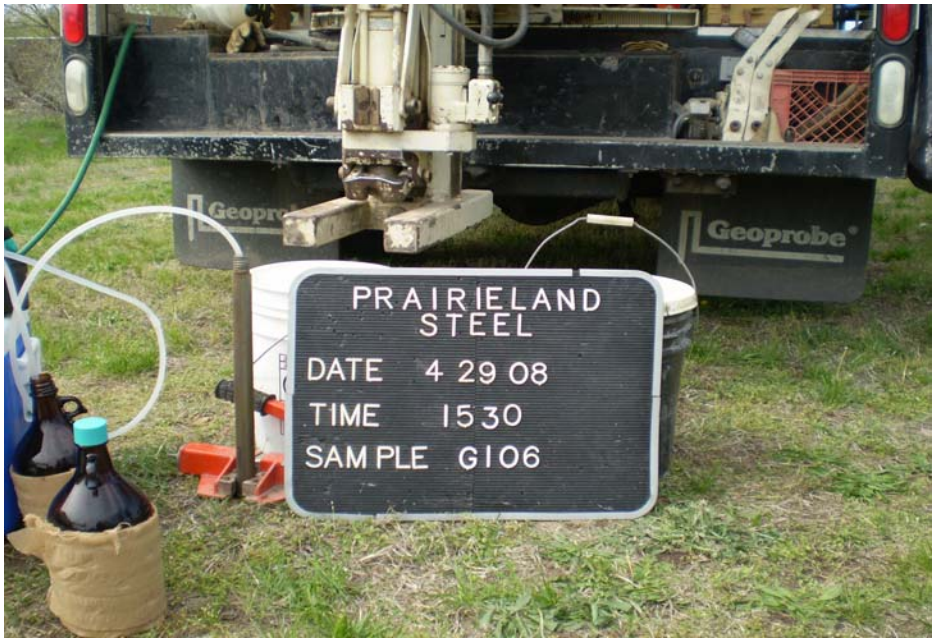
SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

DATE:	4/29/2008
TIME:	10:15
PHOTO BY:	Dave Reed
DIRECTION:	Southeast
COMMENTS: G103	

DATE:	4/29/2008
TIME:	13:40
PHOTO BY:	Dave Reed
DIRECTION:	Southeast
COMMENTS: G104, G105	

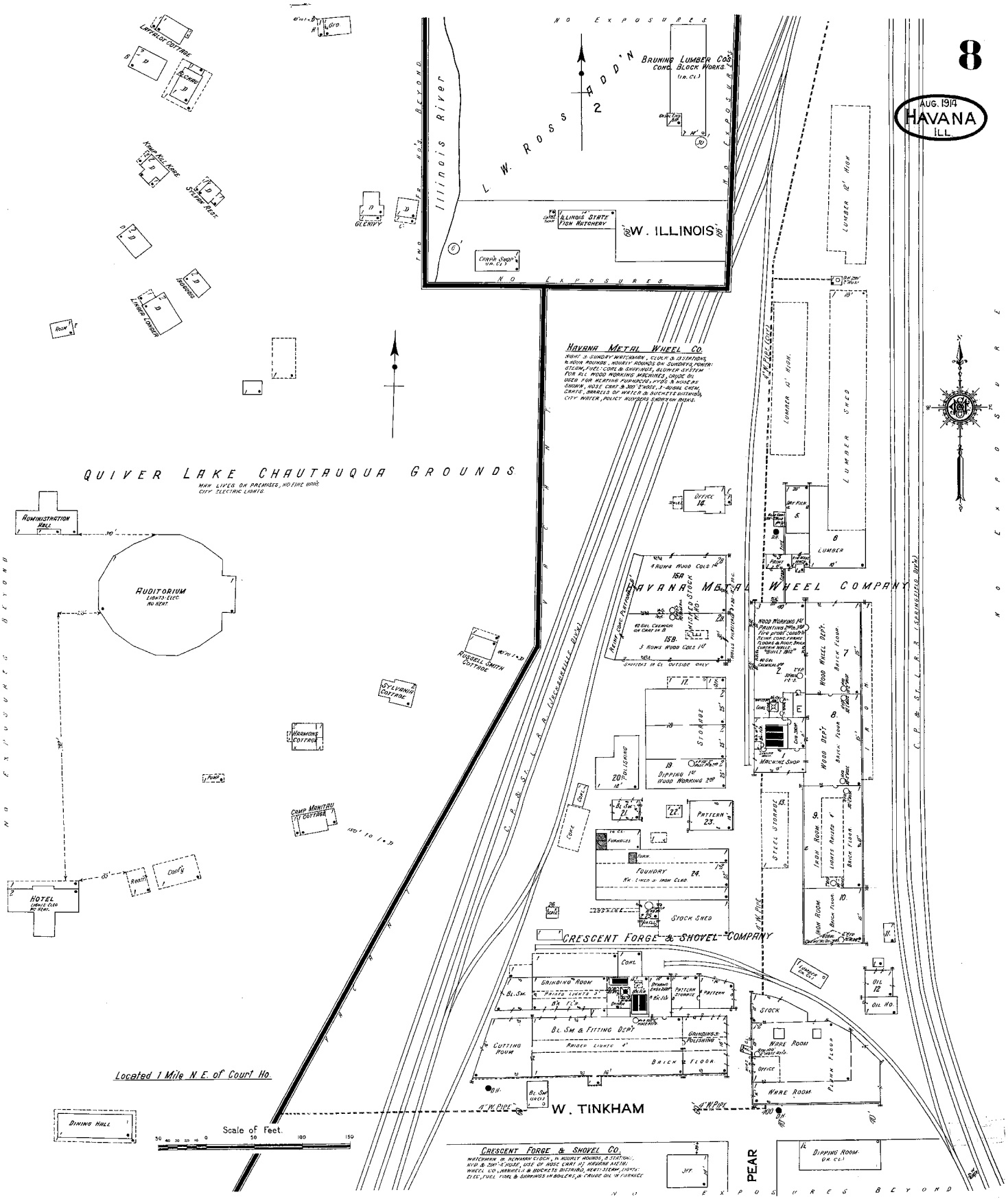
SITE NAME:	Prairieland Steel		
CERCLIS ID:	ILD005229497	**COUNTY:**	Mason

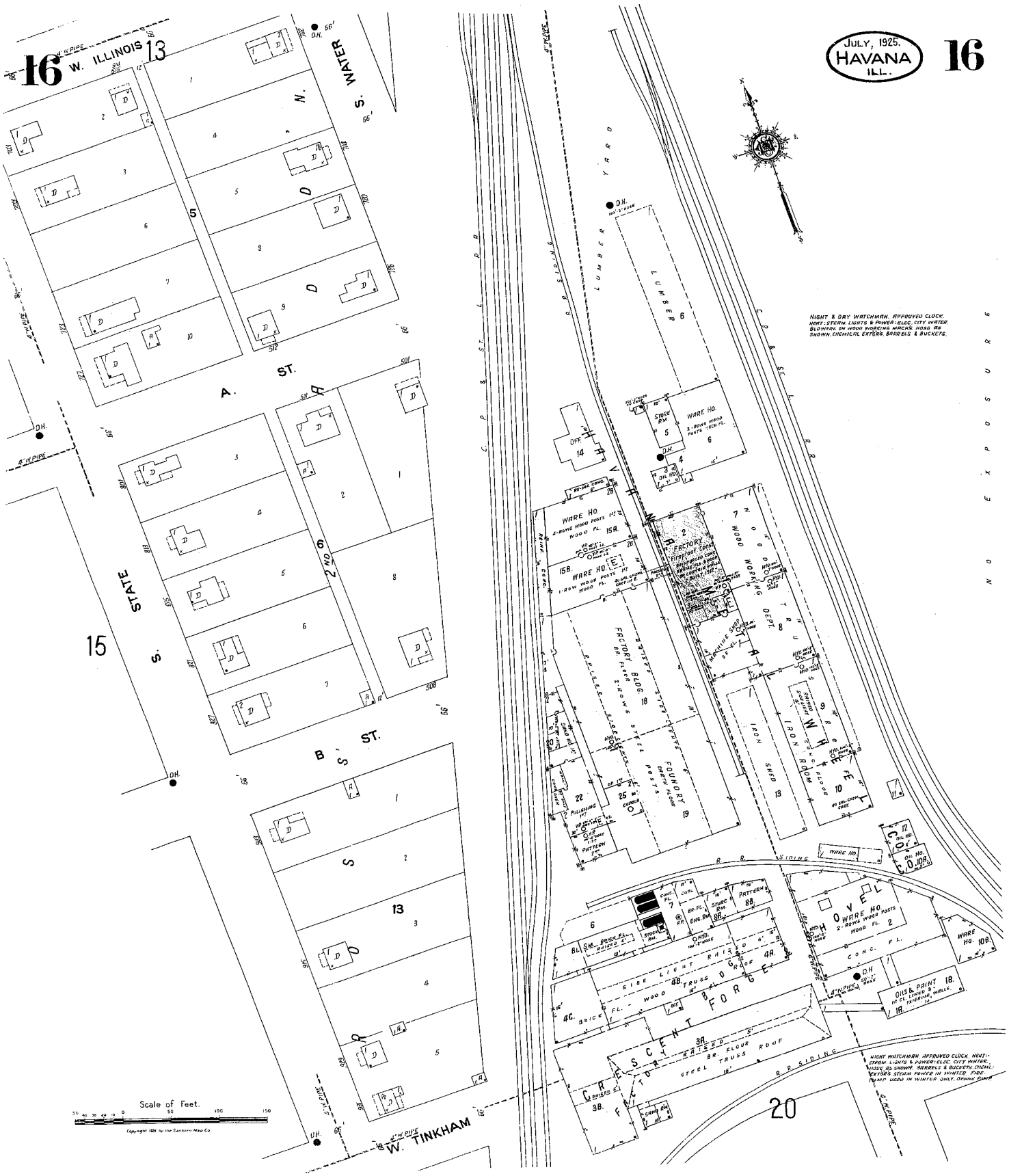
DATE:	4/29/2008
TIME:	15:30
PHOTO BY:	Dave Reed
DIRECTION:	Northwest
COMMENTS:	



DATE:	
TIME:	
PHOTO BY:	
DIRECTION:	
COMMENTS:	

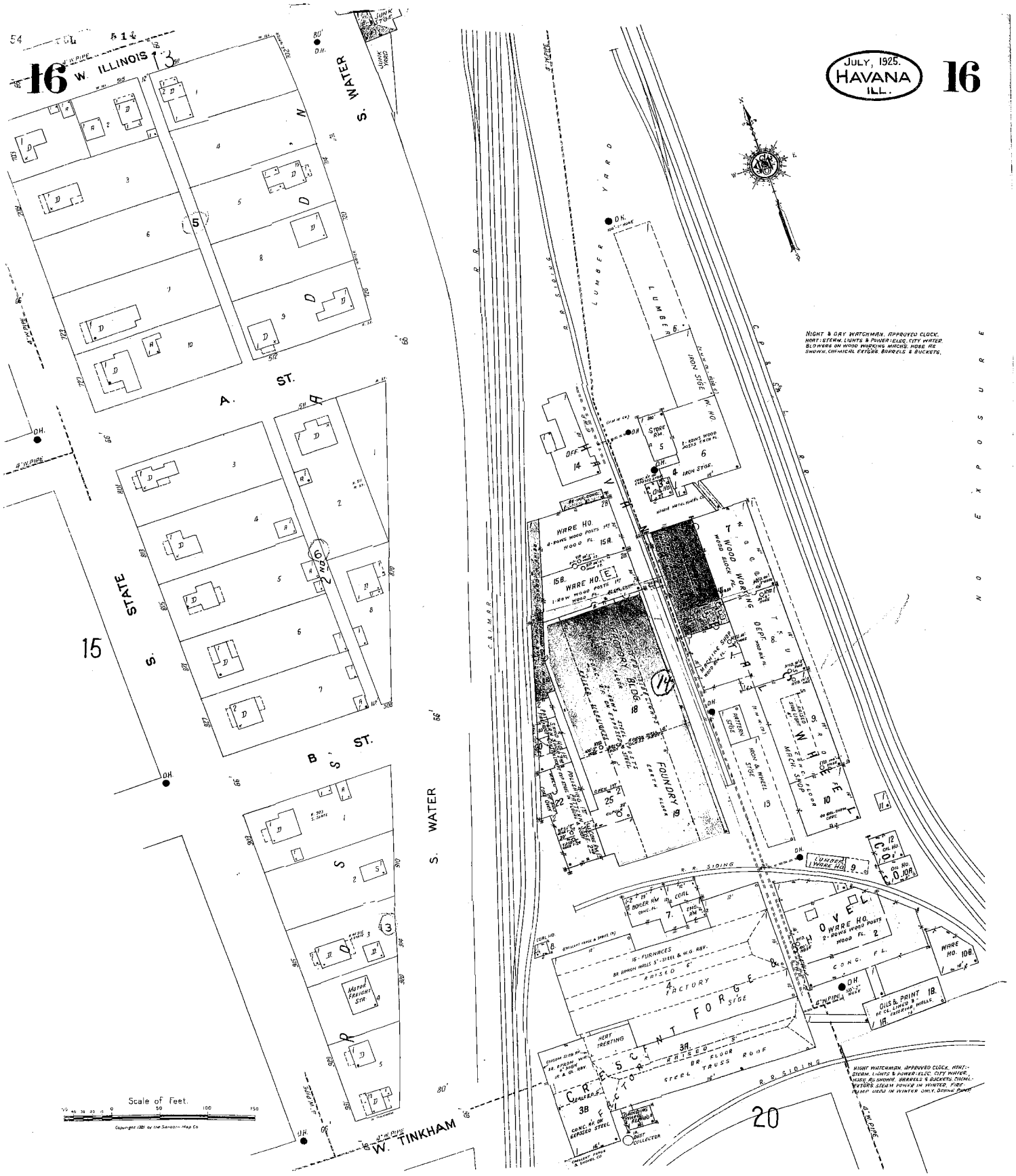
AUG. 1914
HAVANA
ILL.

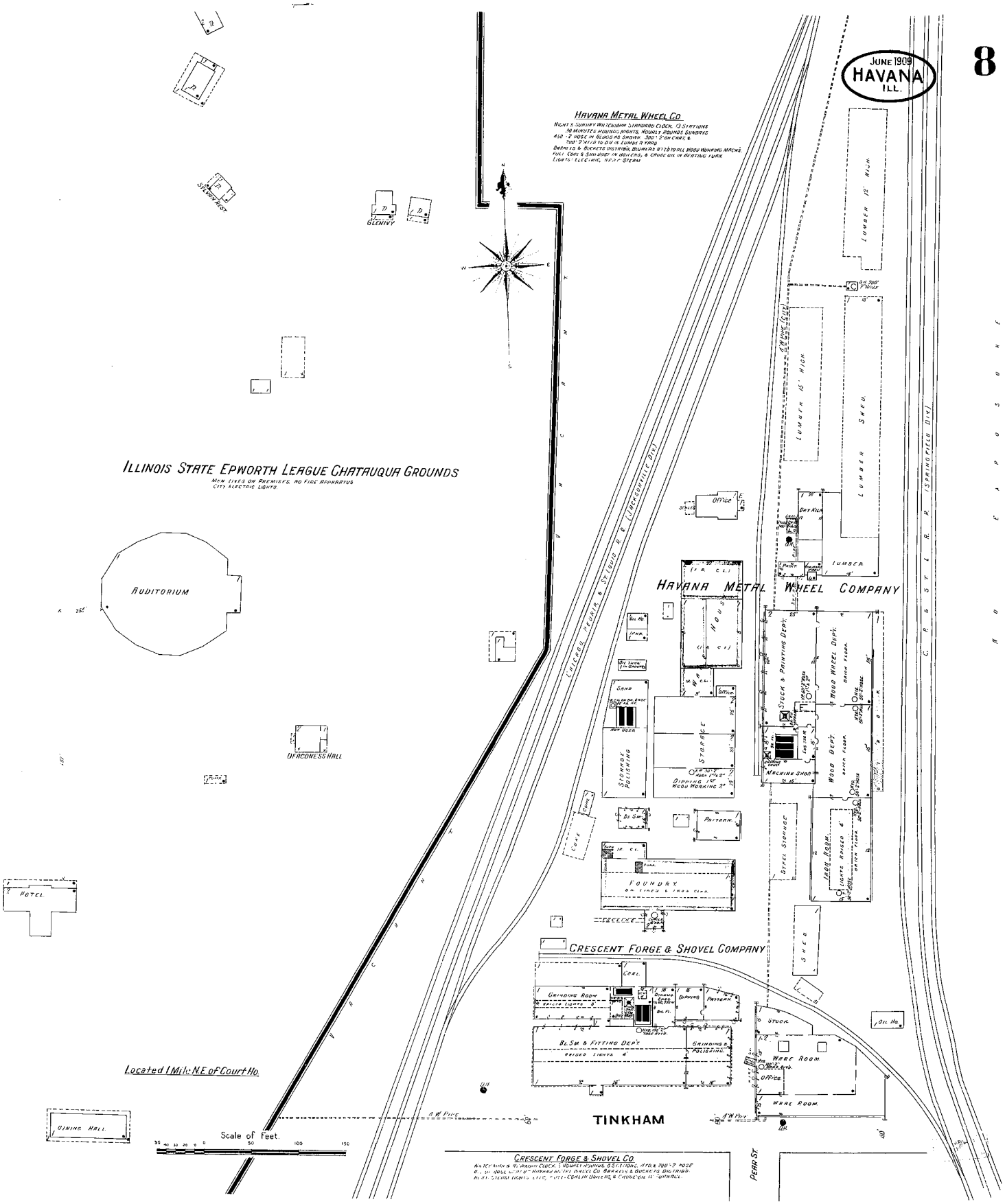




NIGHT & DAY WATCHMAN. APPROVED CLOCK. HEAT: STEAM. LIGHTS & POWER: ELEC. CITY WATER. BLOWERS ON WOOD WORKING MACHS. HOSE RR SHOWN. CHEMICAL EXTGRS. BARRELS & BUCKETS.

NIGHT WATCHMAN. APPROVED CLOCK. HEAT: STEAM. LIGHTS & POWER: ELEC. CITY WATER. HOSE RR SHOWN. BARRELS & BUCKETS. CHEMICAL EXTGR'S. STEAM POWER IN WINTER. FIRE PUMP USED IN WINTER ONLY. DERNE PLANT.


JULY, 1925.
HAVANA
ILL.
16
16
W. ILLINOIS
S. WATER
A. ST.
STATE
S.
B. ST.
S. WATER
W. TINKHAM
15
20
LUMBER YARD
C. & I. R.R.
WARE HO.
WOOD WORKING DEPT.
FOUNDRY BLDG.
FOUNDRY
MACH. SHOP
FORGE
FACTORY
STEEL TRUSS ROOF
R.R. SIDING
NO EXPOSURE
NIGHT & DAY WATCHMAN. APPROVED CLOCK. HEAT: STEAM. LIGHTS & POWER: ELEC. CITY WATER. BLOWERS ON WOOD WORKING MACHS. HOSE RE. SHOWN. CHEMICAL EXTGRS. BARRELS & BUCKETS.
NIGHT WATCHMAN. APPROVED CLOCK. HEAT:- STEAM. LIGHTS & POWER: ELEC. CITY WATER. HOSE RS SHOWN. BARRELS & BUCKETS. THERMO-STATS STEAM POWER IN WINTER. FIRE PUMP USED IN WINTER ONLY. DOWNE BARR
Scale of Feet.
Copyright 1925 by the Sanborn Map Co.


JUNE 1909
HAVANA
ILL.
HAVANA METAL WHEEL CO
ILLINOIS STATE EPWORTH LEAGUE CHATAUQUA GROUNDS
MEN LIVES ON PREMISES. NO FIRE APPARATUS
CITY ELECTRIC LIGHTS.
AUDITORIUM
DEACONESS HALL
HOTEL
DINING HALL
GLENIVY
SCHOOL HOUSE
CHICAGO, PEORIA & ST. LOUIS R.R. (CLARKSVILLE DIV.)
C. P. & ST. L. R.R. (SPRINGFIELD DIV.)
LUMBER 12' HIGH
LUMBER 15' HIGH
LUMBER SHED
DRY KILN
LUMBER
OFFICE
HAVANA METAL WHEEL COMPANY
HOUSE
STORAGE
STORAGE POLISHING
DIPPING & WOOD WORKING
STOCK & PRINTING DEPT.
WOOD WHEEL DEPT.
MACHINE SHOP
WOOD DEPT.
IRON ROOM
STEEL STORAGE
PATTERN
FOUNDRY
CRESCENT FORGE & SHOVEL COMPANY
GRINDING ROOM
DIPPING
BL. SM. & FITTING DEPT.
GRINDING & POLISHING
STOCK
WARE ROOM
OFFICE
TINKHAM
PERRY ST.
Located 1 Mile N.E. of Court Ho.
Scale of Feet.
CRESCENT FORGE & SHOVEL CO