

CERCLA EXPANDED SITE INSPECTION

for:

ST. LOUIS SMELTING AND REFINING COLLINSVILLE, ILLINOIS ILD980607006

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

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1.0 INTRODUCTION

On October 18, 2002, the Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation Program was tasked by United States

Environmental Protection Agency (U.S. EPA) Region V to conduct an Expanded Site Assessment (ESI) at the St. Louis Smelting and Refining Site (formerly known as "Lead Smelter") in Collinsville, Illinois. The St. Louis Smelting and Refining Site, ILD980607006, is located along Pine Lake Road, east of Pine Lake, in Collinsville, Madison County, Illinois. Specifically, the site is located in the southwestern quarter of Section 23, Township 3 North, Range 8 West. A soil sample with elevated lead concentrations was chosen as central position to represent the site location, at 38°41'28" N latitude, 89°57'35"W longitude. The ESI is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

The objective of an ESI is to collect all data necessary to prepare a Hazard Ranking System (HRS) scoring package in case it becomes necessary to propose the site to the National Priorities List (NPL). To fully evaluate the site and fulfill HRS documentation requirements, the ESI should:

- Investigate and document critical hypotheses or assumptions not completely tested during previous investigations;
- 2) Collect samples to attribute hazardous substances to site operations;
- 3) Collect samples to establish representative background levels; and

4) Collect any other missing HRS data for pathways of concern.

The St. Louis Smelting and Refining Site was placed on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) in June of 1981 as a result of "Notification of Hazardous Waste Site" (103c) forms filed by National Lead Industries (N.L. Industries) in that same year. As described in more detail in the following sections, the site was ultimately archived on CERCLIS in 1989 on the basis of the results of the Preliminary Assessment (PA) and Site Inspection (SI) conducted by Illinois EPA. In consideration of changes made to the HRS in 1990, Illinois EPA conducted a CERCLA Reassessment at the site in March, 2002 and based on the findings, the site was placed back onto the CERCLIS Active sites list in June of 2002.

2.0 SITE BACKGROUND

2.1 Site Description

The St. Louis Smelting and Refining Company Site is the former location of a primary lead smelting and lead refining operation positioned in the northeast corner of Collinsville, Illinois. The city of Collinsville is located in Madison County, Illinois. A plat map of Madison County from 1917 indicated that at one time, St. Louis Smelting and Refining Company owned up to 482 acres. However, Sanborn Fire Insurance maps from 1915 and 1926 indicate that the facility's primary activities occurred on approximately 40 acres. Analysis of historical aerial photographs and historical sampling activities have identified an

area of concern totaling approximately 148 acres and for the purposes of this ESI is referred to as "the site". Figure 1 provides general information regarding the site's location. Figure 2 shows the 1926 Sanborn map of the facility overlaid on 1998 aerial photography. Pine Lake is identifiable in the northwest portion of Figure 2 and Pine Lake Road is the primary east-west road in the photo.

The site is located east of Route 159 with Pine Lake Road as one of its central features (Figure 1). The site extends to the west to include Pine Lake and to the east to include the unnamed pond at the end of Pine Lake Road. Roads most nearly bordering the site on the north and south are Peachtree Trail and California Avenue, respectively. Property use within site boundaries is primarily single family residential. Residential property lot sizes are typically less than one acre with few exceptions. Homes in the area range from approximately 90 years old to less than 5 years in age. Residents in the area receive potable water through a public water supply system using groundwater. Topography within the central portion of the site is relatively flat changing to rolling hills on the northern, southern and eastern portions of the site.

Two surface water bodies exist on site. Pine Lake and the unnamed pond on the eastern end of Pine Lake Road. Pine Lake is approximately 5.3 acres in size. Surface water runoff from residential properties adjacent to Pine Lake is channeled into the lake. The south shore of Pine Lake is dammed and bounded by Pine Lake Road. The dam has a culvert that allows water in Pine Lake to drain under the road during high-water periods. After flowing under Pine Lake

Road, drainage from Pine Lake during wet periods flows south-southwest into the lakes in Woodland Park. The United States Department of the Interior National Wetlands Inventory Map characterizes the Pine Lake as pallustrine wetlands with an unconsolidated bottom (Department of Interior).

Residents of the Pine Lake Subdivision surrounding Pine Lake own the water body and small portions of adjacent property. Pine Lake is used for recreational fishing throughout the year and swimming during warmer months. Residents have brought in sand for a small beach area on a central finger of land protruding southward into the lake and a permanent swimming dock exists in the south-central portion of the lake.

Local residents also use the unnamed pond on the eastern end of Pine Lake road for recreational purposes. The unnamed pond is approximately one acre in size. Small boats and fishing equipment are located around the pond. The pond is fed by surface water runoff in all directions. The United States Department of the Interior National Wetlands Inventory Map characterizes the unnamed pond as as pallustrine wetlands with an unconsolidated bottom (Department of Interior).

A gently sloping drainage way feeds the pond from the west-southwest during wet periods but the drainage way appears to remain dry most of the time. The west-southwest drainage way is identified as intermittent on the United States Geological Survey's most recent 7.5 minute series topographic map of the area

(Geological Survey). Construction debris and some slag line the drainage way. The drainage way is bounded immediately on each side by established trees that in most cases, fade into residential yards. During high-water periods, water from the unnamed pond drains to the east through a small drainage way into partially wooded private lands. With the exception of the portion of the drainage way nearest the pond, the drainage way appears to be dry during much of the year. The drainage way from the pond ultimately leads toward the south into partially wooded private lands. Canteen Creek flows southward approximately 500 feet to the east of the unnamed pond but surface water runoff from the site and areas around the pond do not appear to drain into the creek. Canteen Creek is the nearest perennial stream to the site.

2.2 Site Geology

information regarding the generalized geology was identified in a report produced by Envirodyne Engineers Inc. for the Collinsville/Glidden Waste Paint Site, which is located approximately one mile south of the St. Louis Smelting and Refining Company site. Envirodyne described the generalized stratigraphic column of the area as "thick loess (greater than 15 feet) overlying glacial till" (2). Based on Illinois State Geological Survey (ISGS) borings from the vicinity of the site. Envirodyne summarized the stratigraphic column for the Glidden Waste Paint site [which is applicable to the St. Louis Smelting and Refining Company site] as follows:

"The unconsolidated material on the uplands ranges in thickness from 44 to 77 feet (ISGS borings in sections 34 and 36, T 3 N, R 8 W). A generalized stratigraphic column for the area would be approximately 15 to 20 feet of Peoria Loess over 15 to 20 feet of Roxana Silt, with approximately 10 feet of till at the base of the overburden. The bedrock consists of

Pennsylvanian age limestone, shale, sandstone, and coal of the Modesto Formation." (2) Groundwater was encountered during the Remedial Investigation for the Collinsville/Glidden Waste Paint Site at depths ranging from 8 – 20 feet below ground surface (bgs) and was found to flow toward Canteen Creek. Although soil borings were conducted as a part of the ESI for the St. Louis Smelting and Refining Company site, earth-moving activities that occurred during residential development between 1960 and the mid-1980's reduced the reliability of much of the stratigraphic information gathered from the borings. The boring location identified as GP1 encountered a fine silt from near the ground surface to approximately five feet below the ground surface where it transitioned to a clayee silt, with the percentage of clay increasing with depth. Soil encountered at 27 feet in boring GP1 was described as dark gray silty clay.

2.3 Site History

The St. Louis Smelting and Refining Company operated a lead smelting facility in Madison County, Illinois from 1904 until November of 1933. At peak production, the facility employed 425 men. At the time of operation, the facility was located northeast of Collinsville, Illinois. Since that time, Collinsville has expanded to the area surrounding the facility and as indicated by historical aerial photographs, in the 1950's and 1960's residential homes began to expand onto the property (and into some of the buildings) formerly used by the lead smelter.

Historical information regarding the St. Louis Smelting and Refining Company indicates that environmental concerns surrounding the facility were an issue as early as 1915. In 1915, a local landowner sold rights to the company to "deposit smoke furnes, vapor, gases, acids, and like-substances" on his property (Madison County). In addition, a bicentennial document compiled for Collinsville stated that "owners of acreage in the area [around the facility] filed damage suits against the company alleging destruction of plant life by lead-laden smoke from the plant" (Collinsville). As a result, in 1917 "the company constructed a 386 foot-tall stack at a cost of \$75,000" (Stehman).

The plant closed on November 21, 1933 following a strike for higher wages and shorter hours (Stehman). Following plant closure, equipment from the facility was shipped to South America (Stehman). The actual date when the facility was dismantled is unknown. However, an aerial photograph from 1941 indicates that by the date of the photo, only two buildings from the facility were still intact and the plant was reduced to primarily foundations and rubble. The 1941 aerial photograph shows lack of vegetation throughout the plant area and a large slag pile on the southeast portion of the former property. The slag pile was located where the unnamed pond at the end of Pine Lake Road is now located. The slag pile was no longer visible in a 1955 aerial photograph of the area. There is no information that indicates where the slag pile was moved.

Research regarding the ownership history of the property was conducted at the Madison County Recorder of Deeds Office. The earliest recorded transaction

identified for the property was the sale of a portion of Section 23 to the St. Louis Smelting and Refining Company by L.R. and Sarah Collins in 1903. In 1913, the company purchased mineral rights from an adjacent landowner. No other transactions were identified during the years of operation. A plat map of Madison County from 1917 indicated that at one time, St. Louis Smelting and Refining Company owned up to 482 acres. Historical Plat books along with fire insurance maps and aerial photographs indicate that the primary smelting and refining activities occurred on approximately 40 acres. In the years following the plant's closure, from 1937 to 1939, portions of the property were sold to Madison County and nine other families. Historical plat books indicate that from approximately 1966 to 1969 the Eagle Picher Company owned 50 acres in the area, including the 40 acres where St. Louis Smelting and Refining Company conducted its primary operations. Various reports from local residents indicate that based on large amounts of truck traffic, portions of the slag pile present in the 1941 aerial photograph may have been moved off-site prior to or during residential development of the area. At an unknown date following the plant's closure, National Lead purchased the assets of the St. Louis Smelting and Refining Company.

Residential development in the area directly north and south of Pine Lake began in the 1950's as evidenced by historical aerial photographs. Residential development to the east of Pine Lake in what is now called Collinwoods subdivision began in the mid-to-late 1970's. Residential development in the area progressed in phases and building currently continues on the last empty lots.

With the exception of the last 1-2 empty lots, the newest homes in the area are concentrated around Hickory Point Road and some are less than 10 years in age.

State-funded investigations were conducted on residential properties and surrounding areas beginning in 1985 and continuing through 1991. (The majority of residential soil data was generated in investigations in 1985 and 1991, with some additional data collected sporadically between 1985 and 1991.) Results from an Site Inspection (SI) conducted at the site (including a low preliminary site score) in 1987 resulted in the site being archived in CERCLIS in December, 1989. Changes in CERCLA and resulting modification to the site scoring process prompted a reassessment in 2002.

2.4 Previous Investigations

Illinois EPA conducted a Preliminary Assesssment (PA) at the site in May of 1985. The PA, which was finalized on June 11, 1986, assigned a high priority to the site for further inspection and identified the presence of lead ore and lead dross (a byproduct from the smelting process) as potential hazards at the site.

On July 16, 1985 representatives from Illinois EPA and Illinois Department of Public Health (IDPH) visited the site and obtained a slag sample and 9 soil samples from two residential yards in the Collinwoods Subdivision. Laboratory analysis of the lead slag showed 13,000 mg/kg, or parts per million (ppm) lead. Lead concentrations in the soils collected from the two properties ranged from 12

mg/kg to 2,600 mg/kg. In October of 1985, Illinois EPA obtained one slag and one soil sample from the area of highest concentration. The samples were analyzed for distilled water leachability and EP Toxicity. The leachability test on the slag and soil resulted in 760 ppm and 53 ppm, respectively. The EP Toxicity test on the slag and soil resulted in 1.7 ppm and 40 ppm, respectively. (Mensing)

On October 17, 1985 representatives from IDPH obtained additional soil samples from the site. Representatives from IDPH obtained 51 soil samples from 26 residential properties. Concentrations of lead in the soil samples obtained by IDPH ranged from 31 mg/kg to 7944 mg/kg. The IDPH also conducted a voluntary blood-lead screening analysis for neighborhood children in October of 1985. Results of the blood lead screening for the children tested were below levels of concern.

On September 9, 1986 Illinois EPA personnel obtained additional samples from the site. The sampling activities focused on the unnamed pond at the eastern end of Pine Lake Road, and surrounding areas. Samples of surface water and sediment were obtained from the pond. Soil samples from three locations on the dike east of the pond were also composited. In addition, surface water seeping through the dike on the east side of the pond was also obtained. Lastly, slag and a slag/soil mixture was obtained from a residential property west of the pond. (Johnson)

The table below summarizes the results from the September 1986 sampling conducted by Illinois EPA.

September 1986 Sa	September 1986 Sample Summary		
Sample Location	Total Lead Concentration in PPM		
Pond Water	0.005		
Pond Sediment	BDL - 338		
Slag	13200 – 14800		
Residential Soil and Slag	2700		
Dike Soil Composite	981		
Dike Seep	BDL		

BDL - Below Detection Limit

Illinois EPA performed an SI at the site on July 22, 1987. No samples were obtained as part of the formal SI because the site had been sampled previously and the results along with the presence of lead slag on the site were adequate to substantiate the presence of hazardous substances at the site. The SI was completed on December 1, 1989. (The site was archived on the CERCLIS list as a result of recommendations in the SI Report.)

On May 30 and 31, 1991 representatives from Illinois EPA and IDPH obtained twenty-five samples from nine yards in Collinwoods subdivision. A description of the sampling event along with lab results were provided in an Illinois EPA February 16, 1992 field office memorandum to the Division File. Each sample was analyzed for total lead and Toxicity Characteristic Leaching Procedure (TCLP) lead. Prior to analysis, samples were sieved to eliminate particles that would not pass through a #200 sieve (0.074 mm). This procedure was performed to remove large indigestible pieces of lead slag in an attempt to

determine the amount of respirable lead in the soil. Total lead concentrations in soils ranged from 8.8 mg/kg to 4700 mg/kg. Results for TCLP lead analysis ranged from 0.003 mg/L to 20 mg/L.

In November of 2001, a homeowner from the Pine Lake subdivision obtained three sediment samples from Pine Lake. The samples were obtained because at the time, the Pine Lake Homeowners Association were considering dredging the lake because it had silted in and the three northern fingers of the Lake had become more shallow than desired. A single sediment sample was taken from each of the three fingers of the lake. The homeowner identified the samples as Area 1, Area 2, and Area 3 with Area 1 representing the northwest finger of the lake, Area 2 representing the north-central finger, and Area 3 representing the northeast finger of the lake. The three sediment samples were analyzed at Teklab in Collinsville for total metals and Resource Conservation and Recovery Act (RCRA) TCLP metals. In addition, the Area 1 sample was analyzed for semivolatile organic compounds (SVOCs), volatile organic compounds (VOCs), and polychlorinated biphenyls (PCBs) (Miller, 12/03/01; Austin).

The analysis results from Pine Lake sediments collected by the homeowner in 2001 are summarized in the table below.

Sample	Total Lead	TCLP Lead	Total Arsenic
Location	mg/kg	mg/L	mg/kg
Area 1	2310	26.9	17.5
Area 2	2680	31.9	6.89
Area 3	6220	12.7	7.35

The sample results indicate that TCLP lead concentrations in the sediment are above the regulatory standard of 5.0 mg/L meaning that if the sediments were disposed of off-site, at least a portion of the material would be regulated as RCRA hazardous waste for lead. Organic analysis results for both VOCs and SVOCs on the Area 1 sample resulted in levels below detection for all compounds analyzed. The lab noted that the temperature of the sample was out of the acceptable range.

2.4.1 CERCLA Reassessment Investigation

On March 6 – 8, 2002 representatives of Illinois EPA conducted field-based site characterization on soils and sediments at the site using a Niton X-Ray Fluorescence (XRF) multi-element analyzer. In addition, due to high levels encountered during the reassessment, arrangements were made to have several of these soil samples analyzed under the U.S. EPA's Contract Laboratory Program.

Sediment sampling activities were conducted in Pine Lake, the lake in Woodland Park, and the drainage way between the two lakes. In addition, sediment samples were taken in the unnamed pond east of the western end of Pine Lake Road and the small pond due north of Pine Lake. Sediment samples were obtained using stainless steel hand augers and placed in zip-lock bags using stainless steel trowels. Following collection, sediment samples were dried using

a microwave oven dedicated to sampling activities. Sediment samples were then analyzed using the XRF. In general, sediment samples were obtained from each location at 6, 12, 24, and 30 inches below the surface of the sediments. A total of 24 separate locations were investigated: 16 in Pine Lake, three in the lake in Woodland Park, two in the drainage way in between Pine Lake and the lake in Woodland Park, two in the unnamed pond at the end of Pine Lake Road, and one in the pond due north of Pine Lake.

Lead concentrations based on XRF readings on sediments from Pine Lake ranged from below detection limits to 86,374 ppm. Lead concentrations in sediments from the lake in Woodland Park ranged from 40.3 ppm to 357.4 ppm. Concentrations of lead in sediments from the drainage way in between Pine Lake and the lake in Woodland Park ranged between below the limit of detection to 419.2 ppm. Lead concentrations in sediments from the unnamed pond at the end of Pine Lake Road ranged from 36.8 ppm to 2099.2 ppm. Concentrations of lead in sediments from the pond just north of Pine Lake ranged between 35.5 ppm to 82 ppm. Table 1 shows concentrations of metals for which Ontario Sediment Benchmarks are available (plus chromium) for all sediment samples obtained during the Reassessment. Figure 3 displays the location and corresponding lead concentrations for sediment samples obtained from Pine Lake. Figure 4 includes lead concentrations observed at depths of approximately 6 inches in the sediments of Pine Lake, the lake in Woodland Park, and the unnamed ponds just north of Pine Lake, and at the eastern end of Pine Lake Road.

Residential soil sampling activities were conducted at homes in the area surrounding the former location of the smelting facility. Soil samples were obtained with a clean stainless steel trowel and XRF analysis was performed at the sampling location immediately following collection. Soil analysis via XRF was conducted at the soil surface at each sampling location and in general, at approximately 6-inch intervals up to a depth of 2 feet. The final depth of soil sampling and analysis at each location varied depending on soil characteristics and XRF results. Sample locations were assigned a sampling identification number (*R* [for residential] followed by a integer). Residential sampling associated with the reassessment included samples R1 through R70.

Concentrations of lead based on XRF results ranged from below detection to over 90.000 ppm. Thirteen of the 31 properties tested had lead concentrations greater than 1000 ppm. Table 2 contains the results of residential soil XRF readings from the Reassessment as well as all other existing laboratory and XRF data for the site (1985 to present).

Six soil samples were packaged and sealed for laboratory analysis in accordance with Illinois EPA's Office of Site Evaluation procedures. Soil samples were sent Sentinel Incorporated in Huntsville, Alabama. The samples were analyzed for total metals for the inorganic analytes identified within the Target Compound List (TCL). A complete list of the TCL inorganic analytes can be found in Appendix A. Lead concentrations in the soil samples ranged from

389 mg/kg to 36,700 mg/kg. A background sample was not obtained during the Reassessment. The laboratory results are included as Table 3 of this ESI report and include results for the background sample collected during the ESI (as described later in this report).

2.4.2 Additional Pine Lake and Woodland Park Investigations

Due to high concentrations of lead in sediment that were identified during the CERCLA Reassessment investigation, additional investigations were conducted at Pine Lake. Because children use the beach area during the summer and fishing occurs throughout the year, additional sediment analysis in the beach area and fish tissue analysis was conducted.

In March of 2002, the Illinois Department of Natural Resources mobilized to the site and used their boat-mounted shocking equipment to temporarily stun the fish in certain areas of Pine Lake. Three to four of the largest fish representing each species that responded to the shocking process were selected and filleted for laboratory analysis.

Because the March 2002 shocking procedure did not collect any bottom-feeders such as catfish or carp, Illinois EPA representatives returned to Pine Lake on July 30, 2002 in order to try to collect some specimens with rod and reel. One catfish was caught and as with the March sampling, the fish was filleted and sent to the laboratory for fish tissue analysis for total metals analysis. The table on the following page summaries the fish tissue analysis results from species collected in March and July.

Fish	Average Weight in Pounds	Fish Tissue Lead Concentration
Black Crappie	1.03	Below Detection (<2.4 mg/kg)
Błuegiil	0.2	Below-Detection (<2.4 mg/kg)
Largemouth Bass	0.3	Below Detection (<2.6 mg/kg)
Largemouth Bass	1.3	Below Detection (<2.4 mg/kg)
Channel Catfish	9.8	Below Detection (<1.2 mg/kg)

On June 26, 2002 sediment samples from 11 locations at the beach/swimming area at Pine Lake were dried and analyzed by XRF analysis. Samples were obtained at the surface, and six and twelve inches deep at each location in the sediment of the beach/swimming area. The results are summarized on Table 4 of this report. The lead concentrations at all depths for 6 of the 11 locations were below 400 mg/kg. At the remaining five locations, the surface sample and the 12-inch sample were below 400 mg/kg total lead, but the lead concentrations from six inch sample ranged between 1269 mg/kg and 4988 mg/kg. The average lead concentration for all locations and depths is 450.3 mg/kg.

In consideration of Woodland Park's use as a recreational area and based on elevated soil lead levels within approximately 1000 feet of the park, an additional investigation was planned for Woodland Park. On March 8, 2002, additional soil analysis using the XRF was performed in Woodland Park at ten locations at the surface and six inches below ground surface. The locations were selected to characterize soils within the park as a whole with special emphasis on areas where children might be playing or picnicking. Lead concentrations in the park ranged between approximately 20 ppm and 284 ppm.

2.5 Regulatory Status

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

3.0 EXPANDED SITE ASSESSMENT ACTIVITIES

3.1 Sampling Activities

The sampling activities conducted under the ESI were conducted in two separate phases in order to tailor each phase to the needs and potential ramifications of any U.S. EPA removal activities. Sampling conducted during phase 1 focused on surface water sampling in Pine Lake to determine what impacts sediment concentration were having on surface water concentrations at various depths throughout the water column. Sampling conducted during the second phase included additional field based characterization using the XRF of residential soils and area sediments. In consideration of the XRF results, several soil and sediment samples were submitted to the laboratory for analysis. Additionally, several soil borings were conducted to evaluate soil stratigraphy at depth and attempt to collect groundwater samples.

3.1.1 Surface Water Sampling

On July 29, 2002 representatives of Illinois EPA arrived on the site and began set-up for surface water sampling at Pine Lake. A Bacon bomb sampler was used to obtain surface water samples at multiple discrete depths at each sampling location. The Bacon bomb sampler is a stainless steel bottle (approximately 8 inches in length and 2.5 inches in diameter) attached to a disposable synthetic rope marked at one-foot intervals that can be lowered to a specified depth and opened with a separate trigger line.

Six surface water sampling locations were selected to characterize each of the three northern fingers of the lake as well as open water locations near the middle and southern parts of the Lake. Sampling locations were accessed by a small metal rowboat. At each location, the total depth of water was measured using a weighted measuring tape. Three surface water samples (one shallow depth, one medium depth, and one bottom) were collected at locations where the total depth of water was greater than seven feet. The shallow sample was obtained just below the water's surface, and the bottom sample was obtained at approximately 12 inches above the sediment. At locations with a total water depth of less than seven feet, only a shallow and deep sample was obtained. Samples were assigned identification numbers S201 – S207. An additional sample number modifier "A", "B", or "C" was assigned to each sample with "A" referencing the shallowest sample at each location and "C" representing the deepest. At locations where a dissolved metals analysis was to be performed, an additional modifier *D* was added to the sample number. The Bacon bomb sampler was

rinsed with surface water between differing depths and between each location. Each surface water sampling location was recorded using Illinois EPA's Global Positioning System (GPS). The surface water sampling locations are included on Figure 5.

Surface water samples collected during the ESI were analyzed for total metals, dissolved metals, cyanides, semivolatile organics, pesticides, and PCBs in various combinations. Sample S207 was a duplicate of S206 and was obtained by using the ½ of the volume of the Bacon bomb sampler to fill the sample containers for S206 and S207, alternately. Table 5 contains surface water sample descriptions. Table 6 contains total and dissolved metal analytical results for surface water samples. Tables 7 and 8 contain analytical results for surface water samples submitted for semivolatile, and pesticide/PCB analysis, respectively.

3.1.2 Residential Soil Sampling

Residential soil sampling conducted as a part of the second phase of the ESI was conducted during the week of September 6, 2002 and on October 15, 2002. In addition, residential soil samples were also collected during 2003 in order to further define the extent of contamination in anticipation of a potential removal action at the site. Soil samples collected in 2003, specifically on March 3, 2003 and September 3, 2003, as well as during the week of August 25, 2003, are included within this ESI report and will be discussed as "ESI data".

During each field visit, the XRF was used to identify concentrations of metals in residential soils at four separate depths: surface, 6 inches below ground surface (bgs), 12 inches bgs, and 24 inches below ground surface. Surface readings were obtained at each location either directly on top of the ground surface (in a location with little or no grass) or immediately beneath the sod. Soil at the surface or beneath the sod was obtained using a clean stainless steel trowel. Soil at 6, 12, and 24 inches bgs was obtained using a clean stainless steel auger. Soils brought up by the auger were flattened on a clean paper towel and analyzed using the XRF. (Field personnel kept the soil that was flattened onto the paper towel for analysis greater than 2 –3 millimeters thick to ensure that the XRF was obtaining readings from the sample aliquot and not underlying soil.) During XRF characterization, soils were inspected for classification and presence of fill materials (including slag). Sample locations were assigned a sampling identification number ("R" [for residential] followed by a integer. Residential sampling associated with the ESI includes samples R87 through R229. Each XRF sampling point was recorded using a GPS so that the location could be identified with geographic coordinates and re-visited (if necessary) at a later date. Results of XRF analysis conducted during the ESI can be found in Table 2. along with all other residential XRF and laboratory data collected at the site under state-funded programs (laboratory analysis results for residential soils collected during the CERCLA Reassessment and ESI are not included. 6 identifies lead concentrations at the soil surface for all residential soil XRF and all laboratory data (generated under state-funded programs) collected at the site.

In consideration of XRF results, eight soil samples were obtained from seven different residential properties for laboratory analysis. Soil samples were collected in accordance with the Illinois Environmental Protection Agency's BOL, Sampling Procedures Guidance Manual. Similar to the XRF characterization, shallow soil samples were obtained with a clean stainless steel trowel and deeper samples were obtained with a clean stainless steel auger. Sample identification numbers were assigned to correlate with soil samples obtained in the CERCLA Reassessment and began with "X107". All soil samples were analyzed for total metals and cyanide, and in a few cases, Toxicity Characteristic Leaching Procedure (TCLP) metals. Soil sample locations for laboratory analysis were also recorded using the GPS system. Figure 7 shows the location of residential soil samples submitted for laboratory analysis during both the CERCLA Reassessment and Expanded Site Inspection.

Soil sample X107 and a duplicate, X108 were taken from 3 to 6 inches below ground surface. Soil that was obtained for X107 and X108 was placed in a stainless steel pan, mixed thoroughly, then placed alternately into sample containers for both X107 and X108. Soil samples X107 and X108 were obtained from location R91 at 102 Pine Lake Road, five feet east of the garden and approximately 20 feet east of the northeast corner of the home. An additional sample, X107T was obtained from location R91 and was submitted for TCLP metals analysis.

Soil sample X109 was taken from 12 inches bgs at location R99. Location R99 was obtained in the front yard of 210 Pine Lake Road, approximately 100 feet south of the house and 20 feet east of driveway.

Soil samples X110 and X111 were taken from 1973 Raintree at a location identified as R111. Samples X110T and X111T were also obtained from location R111. Samples X110 and X110T were obtained from between 12 and 18 inches below ground surface. Samples X111 and X111T were obtained from between 6 and 8 inches below ground surface. Samples X110T and X111T were collected and analyzed for TCLP metals. Sample location R111 was positioned in the south portion of the backyard, near the southern property boundary.

Soil sample X112 was taken from 6 inches bgs at location R119. Location R119 was obtained in the back yard of 2001 Raintree Trail, approximately 10 feet west-southwest of the southwest corner of the fence.

Soil sample X113 was taken from 12 inches bgs at location R123. Location R123 was obtained in the back yard of 1407 California Avenue, approximately 36 feet north of the house in a small spot with no grass. Samples X113T and X114T (duplicate of X113T) were also obtained from location R123, between 18 and 24 inches below ground surface. Soil that was obtained for X113T and X114T was placed in a stainless steel pan, mixed thoroughly, and then placed alternately into sample containers for both X113T and X114T. Samples X113T and X114T were collected and analyzed for TCLP metals.

Soil sample X115 was obtained on private property approximately 1.5 miles eastnortheast of the eastern boundary of facility as indicated on the 1926 fire
insurance map as shown on Figure 2. More specifically, sample X115 was on a
wooded hillside east of canteen creek in an area, that according to historical plat
maps and current conditions, has been un-impacted forestland since the early
1900s. Sample location X115 was obtained from 0 - 2 inches bgs in a tan/brown
silty loam and was not designated with an alphanumeric sample location
identifier other than simply "X115". Tables 10 and 11 contain total inorganic
analytical results and TCLP metals results for residential soil samples,
respectively. Table 12 contains soil descriptions for all residential soil samples
collected for laboratory analysis.

3.1.3 Sediment Sampling

Seven sediment samples were obtained from six locations during ESI activities. Sediment sample descriptions are provided within Table 12. One sediment sample identified as X225 was obtained from Pine Lake where historical photos showed drainage entered the lake from the west side of the facility. During the Reassessment, sample X210 (analyzed by XRF) identified lead concentrations greater than 86,000 ppm within the sediment from Pine Lake near the drainage from the facility. Sample X225 was collected in order to obtain laboratory confirmation of XRF readings from the area represented by sample X210 obtained in March, 2002. Samples X226 through X231 were intended to show whether or not contaminants from the site have moved off site through the

surface water pathway. Once general sediment sampling locations were identified, the XRF was used to determine exact sample points. Sediment samples were either obtained in areas that were currently under water, or along the banks at heights that would be submerged during high flow periods.

Samples X226 and X227 were taken from the northwest shore of the unnamed pond in an area where a significant portion of the shore is made up of slag, but at locations 2 – 3 feet out into the pond, most of the sediment is unconsolidated naturally occurring material. Sample X227 is a duplicate of X226. Sediment that was obtained for X226 and X227 was placed in a stainless steel pan, mixed thoroughly, and then placed alternately into sample containers for both X226 and X227. Samples X226 and X227 were obtained from 3 – 5 inches deep in the sediment, below several large chunks of slag. Samples X226 and X227 were intended to determine if runoff from both slag materials and the facility proper impacted sediments in the pond. (Although the area where the unnamed pond now exists has always been lower in elevation than surrounding land to the northwest, the pond was not constructed until after 1968.)

Sample X228 was obtained from Canteen Creek approximately 420 feet down gradient from the east side of the unnamed pond. It appears that in general, Canteen Creek drains the entire area of the facility and associated contamination. Sample X228 was obtained from 18 to 22 inches below the surface sediments.

Sample X229 was collected in a small intermittent drainage way that collects runoff from areas surrounding the unnamed pond, and from the pond itself during high water periods. However, the drainage way also collects runoff from homes to the northeast on Pinehurst. It also appeared as though some the Pinehurst homes discharged their sumps to the drainage way. The sample was obtained at approximately six inches below the sediment surface.

Sample X230 was taken from a drainage way that drains a large area to the northeast of the facility and possibly. The drainage way also drains the most northern regions of areas now considered to be part of the site due to contaminated soils identified in residential yards. The drainage way also collects runoff from homes to the northwest on Pinehurst, including what appear to be sumps from the homes. Sample X230 was taken from 4 – 6 inches below the sediment surface.

Sample X231 is considered to be representative background conditions for waterways surrounding the site. Sample X231 was taken from Canteen Creek upgradient of the site. Sample X231 was obtained approximately 2000 feet northeast of the area where the facility was located during operation and appears not to impacted by facility operations. The sample was obtained from 0 – 2 inches below the sediment surface.

All sediment samples were analyzed for TCL metals. Analytical results for TCL metals sediment samples are presented in Table 13. Figure 8 identifies the

location of all sediment samples collected during ESI activities and submitted for laboratory analysis.

3.1.4 Subsurface Soil Investigation

On October 15, 2002, Illinois EPA used its geoprobe unit to collect site-specific subsurface information from four locations at the site. The geoprobe is a truck-mounted, hydraulic-driven device used to advance steel rods capable of collecting soil or groundwater sample. The four geoprobe locations were identified as GP1 – GP4. Illinois EPA intended to collect groundwater samples from each of the four locations but all but the last location, GP4 were dry. A groundwater sample was not obtained from GP4 because one groundwater sample from the whole site would not have been particularly informative (especially considering GP4's location - well west of the facility's original location). The Geoprobe locations are shown on Figure 9. Table 14 contains descriptions of geologic materials encountered in each of the borings along with corresponding XRF results.

Geoprobe location one (GP1) was obtained near the northern border of what was once the facility proper. The second boring, GP2 was conducted on the southeast corner of the facility's historical location. Boring GP3 was conducted at the eastern end of Pine Lake Road in an area believed to be built on slag from what was once the slag pile area. Geoprobe location GP4 was conducted in an area east of the unnamed pond near to what was reportedly a dumping area.

The location of GP4 was at a lower elevation than surrounding areas to the west and north, and was intended to determine the eastern extent of subsurface slag.

At GP1, steel rods with a slotted screen were advanced to what appeared to be a saturated groundwater zone with the hope of retrieving a groundwater sample. However, the strata produced no water. Geoprobe location GP2 was advanced to 35 feet bgs but no water bearing zones were encountered. At the third subsurface boring location, GP3, a water bearing zone was encountered at approximately 3 feet bgs amongst a seam of slag and small percentage gravel approximately one foot in thickness. Between 3 – 4 feet bgs, stiff gray clay was encountered. The boring was terminated at 12 feet due to fears that continuing the boring might introduce contaminated water from the three-foot strata, to deeper aquifers in the area. A moist sand and gravel seam was encountered at 15 feet bgs in GP4, followed by clay till in deeper strata. As mentioned previously, field staff decided not to attempt to obtain a groundwater sample from GP4 because previous boring locations were dry.

3.2 Analytical Results

Following sample collection, all samples were transferred to containers provided by Illinois EPA's Contract Laboratory Program. The sample containers were packaged and sealed in accordance with Illinois EPA's Site Assessment Program procedures. Soil and sediment samples requiring inorganic analysis were sent to Liberty Analytical in Cary, North Carolina. Soil samples collected for TCLP metals analysis were sent to U.S. EPA's Central Regional Lab in Chicago.

Illinois. Surface water samples requiring inorganic analysis were sent to Datachem Laboratories in Salt Lake City, Utah. Surface water samples requiring organic analysis were sent to American Analytical and Technical Services in Baton Rouge, Louisiana. A complete analytical data package, including quality assurance review sheets, for the St. Louis Smelting and Refining site is located in Appendix D (volume 2 of the Expanded Site Inspection Report).

3.2.1 Surface Water Results

Surface water samples taken in Pine Lake were conducted to determine if there were any impacts to the water quality caused by sediments in the lake with high lead concentrations. No background surface water sample was obtained during the ESI activities because there were no plans to evaluate the site based on the surface water pathway. In consideration of lead concentrations in sediments as shown in Figure 3 (the lowest lead concentrations in sediment were identified in the western finger of Pine Lake), it can be assumed that the surface water sample obtained from the western finger of Pine Lake would be the least likely to have elevated lead and S204 A, obtained in the western finger of the lake, will be used as background. The analytical results for S204 A also support using this sample as a background location.

Using S204 A as background, three metals met the observed release criteria (concentrations at 3x background levels) manganese in S201 C, iron in S203 A, S205 B, and S206 B, and lead in S207 which was a duplicate of S206A.

Surface water samples analyzed for semivolatiles resulted in concentrations

below detection for all compound except two, caprolactum, and bis-2(ethylhexyl) phthalate. Caprolactum was only identified in one sample at an estimated value of 2 parts per billion (ppb). Bis-2(ethylhexyl) phthalate is a common laboratory contaminant and was identified in every sample (including field blank) at between 1 and 5 ppb. Results for PCB analysis for all samples and compounds were below the level of detection. The pesticide analysis of surface waters identified numerous compounds, all of which were at estimated concentrations, and none of which met the observed release criteria.

3.2.2 Residential Soil Results

The analytical results of the residential soil samples indicate the presence of arsenic, cobalt, copper, lead, mercury, and zinc at levels at least three times that identified in background soil. Arsenic was the only compound identified in residential soils at concentrations above the USEPA's removal action level (RAL).

Soil metal concentrations were compared to the soil background sample results (X115) in order to document an observed release. As shown on Table 9, eleven metals met the observed release criteria in one or more samples. Lead, zinc, and antimony were some of the most prevalent metals meeting observed release criteria. Lead met observed release criteria in 6 of 7 seven samples, while zinc, and antimony met the criteria in 4 of 7 samples. Lead, the primary contaminant of concern at the site, ranged from 16,400 ppm in sample X107, to 100 ppm in

X112. All six samples that met the observed release criteria were above 400 ppm, with 4 above 1000 parts per million.

Although the XRF data cannot be used to document an observed release, the enormous amount of data collected on residential soils can be used to identify metals of concern and delineate the aerial extent of contamination. The data shown in Table 9 shows a good correlation with laboratory results and identifies lead and to a lesser extent, arsenic and chromium as metals of concern.

Five residential soil samples were analyzed for TCLP metals in order to provide some indication as to how the soil might be regulated if a removal action was conducted at the site and the soil was taken off site for disposal. Lead was the only compound that exceeded regulatory standards for TCLP results. The TCLP regulatory standard for lead of 5000 micrograms per liter (parts per billion) was exceeded in samples X107T, X110T, and X111T. Lead TCLP concentrations for X107T, X110T, and X111T were 20,000, 5520, and 29,900 ppb, respectively. The TCLP results for X107T, X110T, and X111T indicate that a portion of the soil, if removed and transported off site, would be regulated as a hazardous waste under the Resource Conservation and Recovery Act (RCRA). Table 10 contains the TCLP analytical results for residential soil samples.

3.2.3 Sediment Results

A total of 12 metals met the criteria for an observed release and four of the six sample locations had at least one metal that met observed release criteria.

Lead, copper, zinc, and mercury were the metals for which samples met the observed release criteria the most often. Table 13 contains the metal analytical results for sediment samples.

4.0 SITE SOURCES

This section includes descriptions of the various hazardous waste sources that have been identified at the St. Louis Smelting and Refining site. The HRS defines a "source" as: "Any area where a hazardous substance has been stored, disposed or placed, plus those soils that have become contaminated from migration of the hazardous substance". The definition of a "source" does not include surface water or sediments below surface water that has become contaminated.

Information obtained during the ESI identified contaminated residential soil that is considered a source of contamination at the St. Louis Smelting and Refining site. As additional information becomes available, the possibility exists that additional sources will be identified.

4.1 Contaminated Residential Soil

Analysis of historical aerial photographs and fire insurance maps (see Figure 3) indicate that approximately 55 single family residences were built on the same location that once encompassed the buildings and associated structures of the St. Louis Smelting and Refining Company. As a result of the facility's operations,

and activities during the development of the residential subdivision, slag and associated contaminated soil underlie and surround an area of approximately 40 acres (as determined by soil XRF and laboratory analysis). The 40-acre area of contamination nearly matches the facility footprint (plus the area where slag was stored) as identified in historical aerial photographs and analysis using geographic information systems (GIS). However, for actual HRS scoring purposes, only soil samples analyzed by a laboratory can be used for determining the extent of contamination, and the area contained within a polygon drawn by connecting analytical sample locations is only 16.5 acres. Under HRS, material under permanent structures such as homes, roads, and sidewalks cannot be included as part of a source, however, the 16.5-acre estimation does not have areas covered by a permanent barrier removed form the source area calculation. In addition, XRF analysis identified several homes outside the 16.5acre area source area that have lead contamination in association with the facility, but were not included since there was no analytical confirmation of the XRF readings. As discussed in section 3.2.2, lead concentrations as determined by laboratory analysis range from 36,700 ppm to 463 ppm. Soil samples making up the Contaminated Residential Soil source include X101, X102, X104, X105, X106, X109, X110, X111, and X113. Sample X107 was not included because the sample was taken near a driveway where material had presumably been transported from the site, and therefore did not represent a contiguous area with other samples. Also, samples X103 and X108 were not noted, as they were duplicate samples. Analytical samples that were used to delineate the source

area were obtained from depths ranging from 0 - 18 inches below ground surface.

5.0 MIGRATION PATHWAYS

The Office of Site Evaluation identifies three migration pathways and one exposure pathway, as identified in CERCLA's Hazard Ranking System, by which hazardous substances may pose threat to human health and/or the environment. Consequently, sites are evaluated on their known or potential impact to these pathways. The pathways evaluated are groundwater migration, surface water migration, air migration, and soil exposure.

5.1 Groundwater

No groundwater was encountered or sampled beneath the site. All residents in the immediate vicinity of the site obtain drinking water from the city of Collinsville. Collinsville gets its drinking water from groundwater wells located on the west side of the city. Additionally, under normal soil pH conditions, the primary contaminants of concern at the site are not expected to migrate the distances required to impact groundwater drinking water sources in the region.

5.2 Surface Water

Two separate surface water routes were evaluated during the ESI, Pine Lake and associated drainage ways to the south of the lake, and drainage to the southeast of the site that feeds into Canteen Creek.

Sediment concentrations in Pine Lake document an observed release to surface water. During operations, drainage from the facility and the Lake's use to provide cooling water for the facility contributed to the sediment contamination. Pine Lake is currently used as a fishery as residents have been seen fishing at the Lake and interviews with residents indicate that several individuals do indeed fish at the Lake. An overflow culvert in the dam on the south side of the Lake provides the means for overland migration of the contamination to Woodland Park Lake located approximately 600 feet to the south-southwest. Although no analytical sediment samples were obtained from the drainage way leading from the overflow culvert to the park, XRF analysis indicate that areas downgradient (to the south of Pine Lake) have not been impacted.

An additional surface water route was evaluated considering runoff from the contaminated soils to the southeast toward the unnamed pond and Canteen Creek. Sediment concentrations in the unnamed pond document an observed release to surface water. Drainage from the facility and the slag stored in the area has contributed to the sediment contamination. The unnamed pond is considered a fishery, as fishing equipment has been observed at the pond, and interviews with residents indicate that several individuals do indeed fish at the pond. An overflow culvert in the dam along with seeps on the east side of the pond provides the means for overland migration of the contamination to Canteen Creek. The continued surface water pathway to Canteen Creek was not completed. Although sediments from the intermittent drainage way from the

pond to Canteen creek met observed release criteria, attribution to Canteen Creek could not be established.

Sample X225 represents the probable point of entry (PPE) for Pine Lake and sample X227 is the PPE for the unnamed pond. Both samples had lead concentrations that met observed release criteria. Lead concentrations in X225 and X227 were 35,900 ppm and 5,840 ppm, respectively and can be attributed to the contaminated soil source.

5.3 Soil Exposure

Using information gathered from aerial photographs and U.S. Geological Survey topographical maps, an estimated 6,000 people live within one-mile of the area of contaminated soil, and an estimated 24,000 live within four miles. Available information indicates that there are no sensitive environments, other than wetlands, on-site or within ½ mile.

Soil exposure in connection with the St. Louis Smelting facility was evaluated primarily through residential soil samples obtained within the residential subdivisions in the area of the former facility. Thirteen soil samples (not including the background sample) were obtained from 10 residential properties within the immediate vicinity of the historical location of the facility. Twelve of the soil samples had lead at levels 3 times background (ten times for qualified data) documenting observed contamination within residential soils.

The table on the next page identifies approximate populations within 1/4, 1/2, 1, and 4 miles of observed contaminated soil at the facility. The XRF data supported the laboratory data and indicated that inorganic contamination is

spread throughout the subdivision. The XRF data will be used in determining future remedial actions.

Distance from Facility	Population
.25 Miles	600
0.5 Miles	800
1 Mile	6000
4 Miles	24000

4.4 Air Route

No formal air samples were collected during site assessment activities. An estimated 24,000 people reside within a four-mile radius of the site. Air emissions from smelting operations conducted at St. Louis Smelting and Refining site during the years of operation may have resulted in air deposition of contamination in the nearby residential and agricultural properties surrounding the site.

6.0 ADDITIONAL RISK-BASED OBJECTIVES

This section discusses additional risk-based objectives used to evaluate the St. Louis Smelting and Refining Company site. These objectives have not been used to assess the site for Hazard Ranking System (HRS) purposes.

6.1 Sediment Quality Guidelines

The sediment samples collected during the ESI were compared to ecological benchmarks to help determine whether site activities have impacted the surface water pathway. Two sources of benchmarks were used for this comparison:

Ontario sediment quality guidelines and U.S. EPA ecotoxicological ("ecotox") thresholds. Ontario sediment quality guidelines are non-regulatory ecological benchmark values that serve as indicators of potential aquatic impacts. Levels of contaminants below Ontario benchmarks indicate a level of pollution that has no effect on the majority of sediment-dwelling organisms. Contaminants for which no Ontario benchmarks were available were compared to U.S. EPA ecotox thresholds. Ecotox thresholds are ecological benchmarks above which there is sufficient concern regarding adverse ecological effects to warrant further site investigation. Ecotox thresholds are to be used for screening purposes and are not to be used as regulatory criteria, site-specific cleanup standards or remediation goals.

Sediment samples were compared to Ontario sediment criteria for lowest level of effect to determine if concentrations present may be harmful to the environment. Samples from all 5 of 6 locations had concentrations of some metal exceeding the benchmark. As with soil samples from the area, lead, arsenic and zinc were the metals most commonly above the benchmark and at the highest concentrations above the benchmark. A total of 12 different metals exceeded the benchmark in samples from five of six locations. In total, benchmarks were exceeded for arsenic, cadmium, calcium, cobalt, copper, iron, lead, mercury, nickel, selenium, vanadium, zinc, and cyanide. Table 13 compares observed sediment concentrations to inorganic benchmarks.

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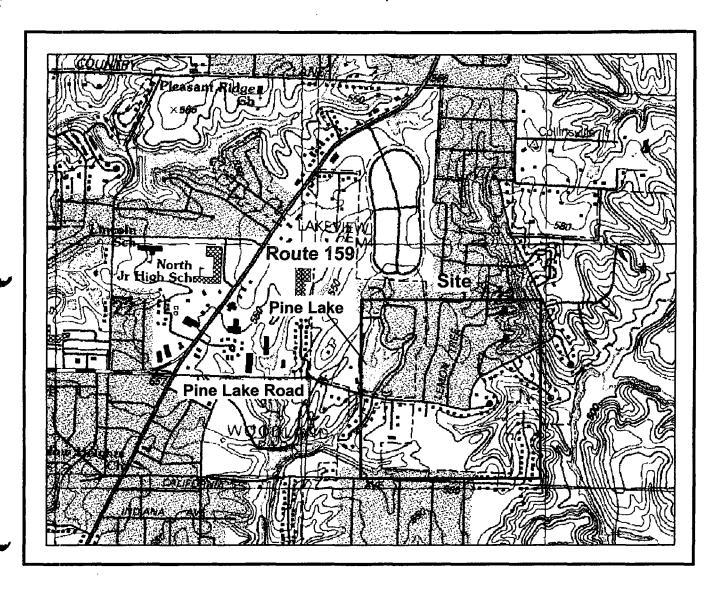
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Figures

Figure 1
Site Location Map
St. Louis Smelting and Refining Company Site
Collinsville, Illinois





Tables

Table 1

Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

During CERCLA Reassessment

						N	letal Cond	entrations	in mg/kg	as identif	ied by X-R	ay Fluoresce	ence		
		·		Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt		Manganese		Cadmium	Silver
01-	Sample	Cample Leastion	XRF Reading					Ontario	Sediment	Screening	Benchma	arks			
Sample Number	inches	Sample Location Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X201	6	Pine Lake	59, 60	438.4	<lod< td=""><td><lod< td=""><td>205</td><td>482.8</td><td><lod< td=""><td><lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>205</td><td>482.8</td><td><lod< td=""><td><lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	205	482.8	<lod< td=""><td><lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	6828.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X201	12	Pine Lake	61, 62	2788.8	<lod< td=""><td><lod< td=""><td>684.4</td><td>389.6</td><td><lod< td=""><td><lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>684.4</td><td>389.6</td><td><lod< td=""><td><lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	684.4	389.6	<lod< td=""><td><lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<>	21299.2	1329.6	<lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<>	65.2	<lod< td=""></lod<>
X201	24	Pine Lake	63,64	2379.2	<lod< td=""><td><lod< td=""><td>358.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>358.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	358.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	14988.8	<lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	410.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X201	30	Pine Lake	53,54	107.5	<lod< td=""><td><lod< td=""><td>109</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10297.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>109</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10297.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	109	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10297.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10297.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10297.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	10297.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	6	Pine Lake	65,66	646.4	<lod< td=""><td><lod< td=""><td>224.6</td><td>153.1</td><td><lod< td=""><td><lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>224.6</td><td>153.1</td><td><lod< td=""><td><lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	224.6	153.1	<lod< td=""><td><lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	9216	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	12	Pine Lake	67,68	4368	<lod< td=""><td><lod< td=""><td>1009.6</td><td>224.8</td><td><lod< td=""><td><lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1009.6</td><td>224.8</td><td><lod< td=""><td><lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1009.6	224.8	<lod< td=""><td><lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	18099.2	905.6	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	24	Pine Lake	57,58	1868.8	<lod< td=""><td><lod< td=""><td>344.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>344.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	344.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11699.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	30	Pine Lake	55,56	66.2	<lod< td=""><td><lod< td=""><td>87.4</td><td><lod< td=""><td>178.8</td><td><lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>87.4</td><td><lod< td=""><td>178.8</td><td><lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.4	<lod< td=""><td>178.8</td><td><lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	178.8	<lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	13696	<lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	366.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X203	6	Pine Lake	69,70	2400	<lod< td=""><td><lod< td=""><td>753.6</td><td>848.8</td><td><lod< td=""><td><lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>753.6</td><td>848.8</td><td><lod< td=""><td><lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	753.6	848.8	<lod< td=""><td><lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<>	26675.2	1369.6	<lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<>	<lod< td=""><td>250.6</td></lod<>	250.6
X203	12	Pine Lake	71,72	4748.8	<lod< td=""><td><lod< td=""><td>1209.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1209.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1209.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	25190.4	<lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<>	223.8	<lod< td=""></lod<>
X203	24	Pine Lake	73,74	12998.4	<lod< td=""><td><lod< td=""><td>2748.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>2748.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	2748.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	21696	<lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<>	290	<lod< td=""></lod<>
X203	30	Pine Lake	75,76	161.7	<lod< td=""><td><lod< td=""><td>143.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>143.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	143.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	15897.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X204	6	Pine Lake	77,78	3219.2	<lod< td=""><td><lod< td=""><td>641.6</td><td>1040</td><td><lod< td=""><td><lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>641.6</td><td>1040</td><td><lod< td=""><td><lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	641.6	1040	<lod< td=""><td><lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	30080	1800	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X204	12	Pine Lake	79,80	7097.6	<lod< td=""><td><lod< td=""><td>1708.8</td><td>330</td><td>331.4</td><td><lod< td=""><td>35097.6</td><td><lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1708.8</td><td>330</td><td>331.4</td><td><lod< td=""><td>35097.6</td><td><lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	1708.8	330	331.4	<lod< td=""><td>35097.6</td><td><lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	35097.6	<lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<>	634.4	207.8	<lod< td=""></lod<>
X204	24	Pine Lake	81,82	4307.2	<lod< td=""><td><lod< td=""><td>1080</td><td>713.2</td><td><lod< td=""><td><lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1080</td><td>713.2</td><td><lod< td=""><td><lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1080	713.2	<lod< td=""><td><lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<>	35891.2	<lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<>	523.2	83.2	<lod< td=""></lod<>
X204	30	Pine Lake	83,84	820	<lod< td=""><td><lod< td=""><td>100.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>100.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	100.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12096	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X205	2	Pine Lake	85,86	<lod< td=""><td><lod< td=""><td><lod< td=""><td>49.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>49.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>49.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	49.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	4067.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X205	4	Pine Lake (beach)	87,88	18.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<>	3539.2	<lod< td=""><td><lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>¹<lod< td=""><td>210.6</td></lod<></td></lod<>	¹ <lod< td=""><td>210.6</td></lod<>	210.6
X205	5	Pine Lake (beach)	89,90	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	3737.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X206	6	Pine Lake	91,92	1009.6	<lod< td=""><td><lod< td=""><td>192.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>192.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	192.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	18892.8	<lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	549.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X206	12	Pine Lake	93,94	180.5	<lod< td=""><td><lod< td=""><td>117.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>117.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	117.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14400	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X206	24	Pine Lake	95,96	155.2	<lod< td=""><td><lod< td=""><td>123.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>123.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	123.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14694.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X207	6	Pine Lake	97,98	1720	<lod< td=""><td><lod< td=""><td>376</td><td>164.6</td><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>376</td><td>164.6</td><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	376	164.6	<lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14592	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X207	12	Pine Lake	99, 100	2019.2	<lod< td=""><td><lod< td=""><td>428</td><td>393</td><td><lod< td=""><td><lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>428</td><td>393</td><td><lod< td=""><td><lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	428	393	<lod< td=""><td><lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	16691.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X207	24	Pine Lake	101,102	3059.2	<lod< td=""><td><lod< td=""><td>1009.6</td><td>934.4</td><td><lod< td=""><td><lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1009.6</td><td>934.4</td><td><lod< td=""><td><lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1009.6	934.4	<lod< td=""><td><lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<>	29184	<lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<>	779.6	<lod< td=""><td>813.6</td></lod<>	813.6
X207	30	Pine Lake	103,104	34.2	<lod< td=""><td><lod< td=""><td>70.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>70.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	70.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	13696	952	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	6	Pine Lake	105,106	1260	<lod< td=""><td><lod< td=""><td>271.4</td><td>410</td><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>271.4</td><td>410</td><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	271.4	410	<lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	16192	<lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	1200	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	12	Pine Lake	108,109	2779.2	<lod< td=""><td><lod< td=""><td>544.4</td><td>548</td><td><lod< td=""><td><lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>544.4</td><td>548</td><td><lod< td=""><td><lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	544.4	548	<lod< td=""><td><lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	19494.4	<lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	568	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	24 - 26	Pine Lake	110,111	281.6	<lod< td=""><td><lod< td=""><td>68</td><td><lod< td=""><td>153.4</td><td><lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>68</td><td><lod< td=""><td>153.4</td><td><lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	68	<lod< td=""><td>153.4</td><td><lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	153.4	<lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	11398.4	<lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	713.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	30	Pine Lake	112,113	73.8	<lod< td=""><td><lod< td=""><td>99.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>99.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	99.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	18688	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X209	6	Pine Lake	114,115	8960	<lod< td=""><td><lod< td=""><td>1920</td><td>248.2</td><td><lod< td=""><td><lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1920</td><td>248.2</td><td><lod< td=""><td><lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1920	248.2	<lod< td=""><td><lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<>	24896	<lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<>	950.4	127.1	<lod< td=""></lod<>

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Table 1

Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

During CERCLA Reassessment

<u> </u>						P	Metal Cond	entrations	in mg/kg	as identif	ied by X-R	ay Fluoresco	ence		
			VDE	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	lron	Manganese	Chromium	Cadmium	Silver
Sample	Sample Donth in	Sample Location	XRF Reading					Ontario	Sediment	Screening	Benchm:	arks			
Number	inches	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X209	12	Pine Lake	116,117	47283.2	1009.6	<lod< td=""><td>9984</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	9984	<lod< td=""><td><lod< td=""><td><lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	42188.8	2840	<lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<>	221.8	<lod< td=""></lod<>
X209	24	Pine Lake	118,119	12998.4	<lod< td=""><td><lod< td=""><td>1868.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1868.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1868.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	25996.8	<lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	1720	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X209	30	Pine Lake	120,121	179.3	<lod< td=""><td><lod< td=""><td>103.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>103.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	103.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	16896	<lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	610.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X210	6	Pine Lake	136,137	86374.4	1029.6	<lod< td=""><td>13593.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	13593.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<>	78950.4	<lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<>	2099.2	124.4	<lod< td=""></lod<>
X210	12	Pine Lake	138,139	16294.4	<lod< td=""><td><lod< td=""><td>3859.2</td><td><lod< td=""><td>439.6</td><td><lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3859.2</td><td><lod< td=""><td>439.6</td><td><lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	3859.2	<lod< td=""><td>439.6</td><td><lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	439.6	<lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<>	42086.4	<lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<>	986.4	103.5	<lod< td=""></lod<>
X210	18	Pine Lake	142,143	28083.2	<lod< td=""><td><lod< td=""><td>4480</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>4480</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	4480	<lod< td=""><td><lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	49894.4	4627.2	<lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<>	169.8	<lod< td=""></lod<>
X210	20	Pine Lake	140,141	4508.8	224.4	<lod< td=""><td>612.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	612.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	22195.2	1629.6	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X211	6	Pine Lake	144,145	37785.6	864.8	<lod< td=""><td>2508.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	2508.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	28595.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X211	12	Pine Lake	146,147	244	<lod< td=""><td><lod< td=""><td>294</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>294</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	294	<lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	22195.2	<lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	508	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X211	20	Pine Lake	148,149	133.4	VLOD	<lod< td=""><td>188.4</td><td><fod< td=""><td><lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></fod<></td></lod<>	188.4	<fod< td=""><td><lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></fod<>	<lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	16294.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X212	6	Pine Lake	150,151	8128	239.8	<lod< td=""><td>1389.6</td><td><lod< td=""><td><lod.< td=""><td><lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod.<></td></lod<></td></lod<>	1389.6	<lod< td=""><td><lod.< td=""><td><lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod.<></td></lod<>	<lod.< td=""><td><lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod.<>	<lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	21388.8	<lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	702.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X212	12	Pine Lake	152,153	110.7	<lod< td=""><td><lod< td=""><td>132.8</td><td><lod< td=""><td>512.8</td><td><lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>132.8</td><td><lod< td=""><td>512.8</td><td><lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	132.8	<lod< td=""><td>512.8</td><td><lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<></td></lod<>	512.8	<lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<>	18393.6	<lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<>	1779.2	<lod< td=""><td>11398.4</td></lod<>	11398.4
X213	6	Pine Lake	154,155	4960	<lod< td=""><td><lod< td=""><td>802</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>802</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	802	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	18995.2	<lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<>	484	87.8	<lod< td=""></lod<>
X213	12	Pine Lake	156,157	1480	<lod< td=""><td><lod< td=""><td>252.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>252.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	252.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12000</td><td><lod< td=""><td><lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<></td></lod<></td></lod<>	12000	<lod< td=""><td><lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<></td></lod<>	<lod-< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod-<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X213	15	Pine Lake	158,159	108.5	<lod< td=""><td><lod< td=""><td>135.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>135.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	135.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	19788.8	<lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	875.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X214	6	Pine Lake	160,161	35276.8	1129.6	<lod< td=""><td>7558.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td>VLOD VL</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	7558.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td>VLOD VL</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td>VLOD VL</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td>VLOD VL</td></lod<></td></lod<></td></lod<>	37376	<lod< td=""><td><lod< td=""><td>372</td><td>VLOD VL</td></lod<></td></lod<>	<lod< td=""><td>372</td><td>VLOD VL</td></lod<>	372	VLOD VL
X214	12	Pine Lake	162,163	2739.2	<lod< td=""><td><lod< td=""><td>654.8</td><td>654.8</td><td><lod< td=""><td><lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>654.8</td><td>654.8</td><td><lod< td=""><td><lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	654.8	654.8	<lod< td=""><td><lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	19993.6	928.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X214	24	Pine Lake	164,165	19596.8	482.8	<lod< td=""><td>3080</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	3080	<lod< td=""><td><lod< td=""><td><lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	27878.4	<lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<>	178	<lod< td=""></lod<>
X214	30	Pine Lake	166,167	693.6	73.8	<lod< td=""><td>239.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	239.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14592	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X215	6	Pine Lake	168,169	878.4	<lod< td=""><td><lod< td=""><td>163.4</td><td>150.8</td><td><lod< td=""><td><lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>163.4</td><td>150.8</td><td><lod< td=""><td><lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	163.4	150.8	<lod< td=""><td><lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	8704	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X215	12	Pine Lake	170,171	1560	102.3	<lod< td=""><td>294</td><td>253.2</td><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	294	253.2	<lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12198.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12198.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X215	24	Pine Lake	172,173	309.6	<lod< td=""><td><lod< td=""><td>143.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>143.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	143.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	13094.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X216	6	Pine Lake	174,175	4678.4	<lod< td=""><td><lod< td=""><td>610</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>610</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	610	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	11494.4	<lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<>	111.3	<lod< td=""></lod<>
X216	12	Pine Lake	176,177	146.7	<lod< td=""><td><lod< td=""><td>83.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>83.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	83.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	10598.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X217	6	Lake at Woodland Park	178,179	292.6	<lod< td=""><td><lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	129.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	16192	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X217	12	Lake at Woodland Park	180,181	169.9	<lod< td=""><td><lod< td=""><td>107.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>107.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	107.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11494.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X217	24	Lake at Woodland Park	182,183	357.4	<lod< td=""><td><lod< td=""><td>197.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>197.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	197.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	17292.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X218	6	Lake at Woodland Park	184,185	147.9	<lod< td=""><td><lod< td=""><td>105</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>105</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	105	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	12294.4	<lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	345.4	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

Table 1

Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

During CERCLA Reassessment

<u> </u>						٨	Metal Cond	entrations	in mg/kg	as identif	ed by X-R	ay Fluoresc	ence		
]	0]	XRF	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Iron	Manganese	Chromium	Cadmium	Silver
Sample	Sample	Sample Location	Reading					Ontario	Sediment	Screening	Benchm:	arks			
Number	inches	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X218	12	Lake at Woodland Park	186,187	166.3	<lod< td=""><td><lod< td=""><td>130.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>130.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	130.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11596.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X218	24	Lake at Woodland Park	188,189	150.2	<lod< td=""><td><lod< td=""><td>120.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>120.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	120.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	12198.4	<lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	399.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X218	30	Lake at Woodland Park	190,191	153	<lod< td=""><td><lod< td=""><td>102</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>102</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	102	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11494.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	6	Lake at Woodland Park	192,193	183.6	<lod< td=""><td><lod< td=""><td>186.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>186.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	186.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	17689.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	12	Lake at Woodland Park	194,195	155.9	<lod< td=""><td><lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	129.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	18598.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	24	Lake at Woodland Park	196,197	175	31.6	<lod< td=""><td>142.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	142.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	18892.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	34	Lake at Woodland Park	198,199	40.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	325.4	9395.2	704.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X220	6	Drainage way between two lakes	200,201	101.2	<lod< td=""><td><lod< td=""><td>107</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>107</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	107	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12499.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X220	12	Drainage way between two lakes	202,023	41.3	<lod< td=""><td><lod< td=""><td>91.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>91.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	91.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	12998.4	<lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	361	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X220	24	Drainage way between two lakes	204,205	28.7	<lod< td=""><td><lod< td=""><td>77.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>77.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	77.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	13888	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X221	6	Drainage way between two lakes	206,207	419.2	<lod< td=""><td><lod< td=""><td>100.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>100.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	100.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12396.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X221	12	Drainage way between two lakes	208,209	22.5	<lod< td=""><td><lod< td=""><td>53.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>53.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	53.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>7846.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	7846.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X221	24	Drainage way between two lakes	210,211	<lod< td=""><td><lod< td=""><td><lod< td=""><td>72.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>72.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>72.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	72.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	9747.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

Table 1

Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

During CERCLA Reassessment

1	!	i 1	! 1				Metal Con	centrations	in mg/kg	as identif	led by X-F	tay Fluoresco	ence		
1			XRF	Lead	Arsenic	Mercury		Copper	Nickel	Cobalt		Manganese		Cadmium	Silver
Sample	Sample Death in	Sample Location						Ontario	Sediment	Screening	g Benchm	arks			
Number	inches	Notes	Number	31	6	0.2	120	16	18	50	20000	460		0.6	0.5
X222	6	Unnamed Pond at Pine Lake Rd.	347	938.4	<lod< td=""><td><lod< td=""><td>354.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>354.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	354.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	19289.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X222	12	Unnamed Pond at Pine Lake Rd.	348	638	<lod< td=""><td><lod< td=""><td>824</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>824</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	824	<lod< td=""><td><lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	35481.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X222	24	Unnamed Pond at Pine Lake Rd.	349	833.6	<lod< td=""><td><lod< td=""><td>1739.2</td><td><lod< td=""><td>398.2</td><td>399.6</td><td>24998.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA _</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1739.2</td><td><lod< td=""><td>398.2</td><td>399.6</td><td>24998.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA _</td></lod<></td></lod<></td></lod<></td></lod<>	1739.2	<lod< td=""><td>398.2</td><td>399.6</td><td>24998.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA _</td></lod<></td></lod<></td></lod<>	398.2	399.6	24998.4	<lod< td=""><td><lod< td=""><td>NA</td><td>NA _</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA _</td></lod<>	NA	NA _
X223	6	Unnamed Pond at Pine Lake Rd.	350	2099.2	<lod< td=""><td><lod< td=""><td>1140</td><td>194.9</td><td>192.1</td><td><lod< td=""><td>10796.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1140</td><td>194.9</td><td>192.1</td><td><lod< td=""><td>10796.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	1140	194.9	192.1	<lod< td=""><td>10796.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	10796.8	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X223	12	Unnamed Pond at Pine Lake Rd.	351	36.8	<lod< td=""><td><lod< td=""><td>161</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>161</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	161	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	10598.4	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X223	24	Unnamed Pond at Pine Lake Rd.	352	276.4	<lod< td=""><td><lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	235	<lod< td=""><td><lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	8499.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X224	6	Pond at 21 Pine Lake Dr.	353	82	<lod< td=""><td><lod< td=""><td>58.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td><lod< td=""><td>NA NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>58.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td><lod< td=""><td>NA NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	58.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td><lod< td=""><td>NA NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td><lod< td=""><td>NA NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9056</td><td><lod< td=""><td><lod< td=""><td>NA NA</td><td>NA</td></lod<></td></lod<></td></lod<>	9056	<lod< td=""><td><lod< td=""><td>NA NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA NA</td><td>NA</td></lod<>	NA NA	NA
X224	12	Pond at 21 Pine Lake Dr.	354	35.5	<lod< td=""><td><lod< td=""><td>73.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>73.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	73.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	8864	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X224	24	Pond at 21 Pine Lake Dr.	355	39.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	16793.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA

Notes

1 NA - Soil not analyzed for metal

2 < LOD - Metal is below level of detection

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1,2

Concnetrations shown in milligrams per kiligram or parts per million

						F						
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286889.45	242829.60	01853	2	Aspen Circle			1		119			513
4286921.48		01852	2	Aspen Circle			1		172		<u> </u>	514
4286942.774	242849.450	R145	4	Aspen Circle	front	surface	1	20	. 20,1	<lod< td=""><td><lod< td=""><td>582</td></lod<></td></lod<>	<lod< td=""><td>582</td></lod<>	582
4286942.774		R145	4	Aspen Circle	front	6	2	21	33	<lod< td=""><td><lod< td=""><td>583</td></lod<></td></lod<>	<lod< td=""><td>583</td></lod<>	583
4286942.774	242849.450	R145	4	Aspen Circle	front	12	4	22	44.3	<lod< td=""><td><lod< td=""><td>584</td></lod<></td></lod<>	<lod< td=""><td>584</td></lod<>	584
4286942.774	242849.450	R145	4	Aspen Circle	front	24	5	23	337	<lod< td=""><td><lod< td=""><td>585</td></lod<></td></lod<>	<lod< td=""><td>585</td></lod<>	585
4286955.54	242838.15	01847	5	Aspen Circle			1		92			519
4286978.76	242836.14	01846	5	Aspen Cirde			1		112		1	520
4286567.670	242651.475	R120	1963	Banyan Tree Road	back	surface	1	182	33	<lod .<="" td=""><td>446.8</td><td>395</td></lod>	446.8	395
4286567.670	242651.475	R120	1963	Banyan Tree Road	back	6	2	183	122	<lod< td=""><td><lod< td=""><td>396</td></lod<></td></lod<>	<lod< td=""><td>396</td></lod<>	396
4286567.670	242651.475	R120	1963	Banyan Tree Road	back	12	4	184	300	<lod< td=""><td><lod< td=""><td>397</td></lod<></td></lod<>	<lod< td=""><td>397</td></lod<>	397
4286567.670	242651.475	R120	1963	Banyan Tree Road	back	24	5	185	48	<lod< td=""><td><lod< td=""><td>398</td></lod<></td></lod<>	<lod< td=""><td>398</td></lod<>	398
4286549.892	242683.506	R121	1963	Banyan Tree Road	front	surface	1	186	178.9	<lod< td=""><td><lod< td=""><td>399</td></lod<></td></lod<>	<lod< td=""><td>399</td></lod<>	399
4286549.892	242683.506	R121	1963	Banyan Tree Road	front	6	2	187	77.6	<lod< td=""><td><lod< td=""><td>40</td></lod<></td></lod<>	<lod< td=""><td>40</td></lod<>	40
4286549.892	242683.506	R121	1963	Banyan Tree Road	front	12	4	188	152.8	<lod< td=""><td><lod< td=""><td>40</td></lod<></td></lod<>	<lod< td=""><td>40</td></lod<>	40
4286549.892	242683.506	R121	1963	Banyan Tree Road	front	24	5	189	52	<lod< td=""><td><lod< td=""><td>402</td></lod<></td></lod<>	<lod< td=""><td>402</td></lod<>	402
4286615.31	242746.59	01688	1966	Banyan Tree Road		,	1		175			550
4286631.80	242722.87	01687	1966	Banyan Tree Road					736	_		55
4286608.98	242658.21	X104	1967	Banyan Tree Road			1	1	3400			48
4286620.17	242658.74	X105	1967	Banyan Tree Road				i l	570			48
4286610.58	242689.65	X106	1967	Banyan Tree Road			1		100			48
4286613.24	242653.27	01692	1967	Banyan Tree Road			1		424			55
4286614.79	242688.84	01691	1967	Banyan Tree Road			-	1	1769			55
4286646.76	242667.70	01694	1969	Banyan Tree Road		T	1	1	3828			55
4286636.44	242696.58	01693	1969	Banyan Tree Road				1	1124			55
4286558.59	242731.64	01684	1969	Banyan Tree Road			•	1	143		1	56
4286558.59	242705.86	01683	1969	Banyan Tree Road				1	0			56
4286650.35	242795.73	X107	1970	Banyan Tree Road				1	140			48
4286645.44	242777.23	X108	1970	Banyan Tree Road	1			1	3000		1	48
4286676.08				Banyan Tree Road	<u> </u>	1	1 .	1	530			48
4286642.12	·····			Banyan Tree Road				1	74			55
4286670.99				Banyan Tree Road			1	1	366			55
4286678.72	 		1971	Banyan Tree Road			1	1	2284			55
4286659.13	242711.53	01685	1971	Banyan Tree Road			1	1	0			55

Table 2
St. Louis Smelling and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1.2

Concnetrations shown in milligrams per kiligram or parts per million

UTM - Y	UTM-X	Sample Number	House No	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromlum	Sort
4286659.64	242813.10	01682	1972	Banyan Tree Road			1		121			56
4286682.33	242797.63	01681	1972	Banyan Tree Road		ļ	1		204			56
4286762.18	242845.98	X111	1979	Banyan Tree Road	ļ		1		11			486
4286766.06	242864.57	X112	1979	Banyan Tree Road	1	į į	1		20			49
4286742.82	242863.02	X113	1979	Banyan Tree Road		[1		41			49
4286742.228	242852.410	R122	1981	Banyan Tree Road	front	surface	1	190	42.8	<l00< td=""><td><lod< td=""><td>40</td></lod<></td></l00<>	<lod< td=""><td>40</td></lod<>	40
4286742.228	242852.410	R122	1981	Banyan Tree Road	front	6	2	191	27.8	<lod< td=""><td>231.4</td><td>40</td></lod<>	231.4	40
4286742.228	242852.410	R122	1981	Banyan Tree Road	front	12	4	192	30	<lod< td=""><td><lod< td=""><td>40</td></lod<></td></lod<>	<lod< td=""><td>40</td></lod<>	40
4286742.228	242852.410	R122	1981	Banyan Tree Road	front	24	5	193	0	<lod< td=""><td><lod< td=""><td>40</td></lod<></td></lod<>	<lod< td=""><td>40</td></lod<>	40
4286838.013	242964.030	R66	1989	Banyan Tree Road	side	1	1	411	45	<lod< td=""><td><lod< td=""><td>11</td></lod<></td></lod<>	<lod< td=""><td>11</td></lod<>	11
4286838.013	242964 030	R66	1989	Banyan Tree Road	side	4	2	412	56.2	<lod< td=""><td><lod< td=""><td>11</td></lod<></td></lod<>	<lod< td=""><td>11</td></lod<>	11
4286616.362	242708.677	R144	1966	Banyon Tree Road	front	surface	1	16	869.6	<lod< td=""><td>711.6</td><td>5</td></lod<>	711.6	5
4286616.362	242708.677	R144	1966	Banyon Tree Road	front	6	2	17	653.2	<lod< td=""><td><lod< td=""><td>5</td></lod<></td></lod<>	<lod< td=""><td>5</td></lod<>	5
4286616.362	242708.677	R144	1966	Banyon Tree Road	front	12	4	18	836.8	<lod< td=""><td><lod< td=""><td>5</td></lod<></td></lod<>	<lod< td=""><td>5</td></lod<>	5
4286616.362	242708.677	R144	1966	Banyon Tree Road	front	24	5	19	672.4	<100	<lod< td=""><td>5</td></lod<>	5
4286767.137	242946.381	R141	1982	Banyon Tree Road	front	surface	1	4	30.5	<lod< td=""><td><lod< td=""><td>5</td></lod<></td></lod<>	<lod< td=""><td>5</td></lod<>	5
4286767.137	242946.381	R141	1982	Banyon Tree Road	front	6	\ 2	5	78	<pod< td=""><td><lod< td=""><td>5</td></lod<></td></pod<>	<lod< td=""><td>5</td></lod<>	5
4286767.137	242946.381	R141	1982	Banyon Tree Road	front	12	4	8	117.2	<lod< td=""><td><lod< td=""><td>5</td></lod<></td></lod<>	<lod< td=""><td>5</td></lod<>	5
4286767.137	242946.381	R141	1982	Banyon Tree Road	front	24		7	252.4	<lod< td=""><td>1040</td><td></td></lod<>	1040	
4286733.689	242980.827	R142	1982	Banyon Tree Road	back	surface	1	8	175.4	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286733.689	242980.827	R142	1982	Banyon Tree Road	back	6	2	9	160.8	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286733.689	242980.827	R142	1982	Banyon Tree Road	back	12	4	10	278.6	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286733.689	242980.827	R142	1982	Banyon Tree Road	back	24		11	30	<lod< td=""><td><lod< td=""><td>5</td></lod<></td></lod<>	<lod< td=""><td>5</td></lod<>	5
4286814.856	242926.666	R143	1987	Banyon Tree Road	back	surface	1	12	164.9	<lod< td=""><td>897.6</td><td>5</td></lod<>	897.6	5
4286814.856	242926.666	R143	1987	Banyon Tree Road	back	6		13	104.3	<lod< td=""><td><lod< td=""><td>5</td></lod<></td></lod<>	<lod< td=""><td>5</td></lod<>	5
4286814.856	242926.666	R143	1987	Banyon Tree Road	back	12	1	14	69.9	<lod< td=""><td>1049.6</td><td>5</td></lod<>	1049.6	5
4286814.856	242926.666	R143	1987	Banyon Tree Road	back	24,		15	27.9	<lod< td=""><td>604</td><td>1 6</td></lod<>	604	1 6
4286526.028		1	1 -1	Briarwood	front	surface	1	292	43.8	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286526.028	242269.616	R27	1 1	Briarwood	front	4		293	42.3	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286526.026	242269.616	R27	4	Briarwood	front	12		294	30	<lod< td=""><td><lod< td=""><td>1</td></lod<></td></lod<>	<lod< td=""><td>1</td></lod<>	1
4286543.917	242244.628	R28	4	Briarwood	back	surface	1	295	30	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286543.917	242244.628	R28	4	Briarwood	back	4	[2	296	26.1	<lod< td=""><td><lod< td=""><td>_</td></lod<></td></lod<>	<lod< td=""><td>_</td></lod<>	_
4286543.917				Briarwood	back	12	4	297	36.3	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286536.290	h — — — — — — — — — — — — — — — — — — —		4	Briarwood	front	surface		298	29.4	<lod< td=""><td><lod< td=""><td>1</td></lod<></td></lod<>	<lod< td=""><td>1</td></lod<>	1

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs ^{1,2}
Concnetrations shown in milligrams per kiligram or parts per million

						, ` 						
		Sample	House	a	Location in	Sample Depth	Depth	XRF Reading	1			
UTM - Y	UTM-X	Number	No.	Street	yard	(inches)	Category	Number	Lead	Arsenic	Chromium	Sort
4286463.496			7	Briarwood	side	surface	1	301	429.2	<lod< td=""><td><lod< td=""><td>84</td></lod<></td></lod<>	<lod< td=""><td>84</td></lod<>	84
4286463.496	242251.212	R30	7	Briarwood	side	4	2	302	264.6	<lod_< td=""><td><lod< td=""><td>85</td></lod<></td></lod_<>	<lod< td=""><td>85</td></lod<>	85
4286463.496	242251.212	R30	. 7	Briarwood	side	8	3	303	245.4	<lod_< td=""><td><lod< td=""><td>86</td></lod<></td></lod_<>	<lod< td=""><td>86</td></lod<>	86
4286456.808	242282.861	R31	7	Briarwood	back	surface	1	305	694	<lod< td=""><td>347</td><td>87</td></lod<>	347	87
4286456.808	242282.861	R31	7	Briarwood_	back	4	2	306	581.2	<lod< td=""><td><lod< td=""><td>88</td></lod<></td></lod<>	<lod< td=""><td>88</td></lod<>	88
4286456.808	242282.861	R31	7	Briarwood	back	8	3	308	516	<lod< td=""><td>405.2</td><td>89</td></lod<>	405.2	89
4286456.808	242282.861	R31	7	Briarwood	back	12	4	307	67.3	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4286375.296	242160.861	R84	14	Briarwood	back	surface	1	36	206.6	<lod< td=""><td><lod< td=""><td>227</td></lod<></td></lod<>	<lod< td=""><td>227</td></lod<>	227
4286375.296	242160.861	R84	14	Briarwood	back	6	2	37	164.6	<lod< td=""><td><lod< td=""><td>228</td></lod<></td></lod<>	<lod< td=""><td>228</td></lod<>	228
4286375.296	242160.861	R84	14	Briarwood	back	12	4	38	101.4	<lod< td=""><td><lod< td=""><td>229</td></lod<></td></lod<>	<lod< td=""><td>229</td></lod<>	229
4286375.296	242160.861	R84	14	Briarwood	back	24	5	39	171	<lod< td=""><td><lod< td=""><td>230</td></lod<></td></lod<>	<lod< td=""><td>230</td></lod<>	230
4286358.919	242178.949	R85	14	Briarwood	back	surface	1	40	50.8	<lod< td=""><td><lod< td=""><td>231</td></lod<></td></lod<>	<lod< td=""><td>231</td></lod<>	231
4286358.919	242178.949	R85	14	Briarwood	back	6	2	41	126.6	<lod< td=""><td><lod< td=""><td>232</td></lod<></td></lod<>	<lod< td=""><td>232</td></lod<>	232
4286358.919	242178.949	R85	14	Briarwood	back	12	4	42	161.2	<lod< td=""><td><lod< td=""><td>233</td></lod<></td></lod<>	<lod< td=""><td>233</td></lod<>	233
4286388.152	242166.484	R86	14	Briarwood	side	surface	1	43	123.2	<lod< td=""><td><lod< td=""><td>234</td></lod<></td></lod<>	<lod< td=""><td>234</td></lod<>	234
4286388.152	242166.484	R86	14	Briarwood	side	6	2	44	87.8	<lod< td=""><td><lod< td=""><td>235</td></lod<></td></lod<>	<lod< td=""><td>235</td></lod<>	235
4286388.152	242166.484	R86	14	Briarwood	side	12	4	45	125.5	<lod< td=""><td><lod< td=""><td>236</td></lod<></td></lod<>	<lod< td=""><td>236</td></lod<>	236
4286285.343	242512.915	R123	1407	California Avenue	back	surface	1	194	604.4	<lod< td=""><td><lod< td=""><td>407</td></lod<></td></lod<>	<lod< td=""><td>407</td></lod<>	407
4286285.343	242512.915	R123	1407	California Avenue	back	6	2	195	654	<lod< td=""><td><lod< td=""><td>408</td></lod<></td></lod<>	<lod< td=""><td>408</td></lod<>	408
4286285.343	242512.915	R123	1407	California Avenue	back	12	4	196	749.2	<lod< td=""><td><lod< td=""><td>409</td></lod<></td></lod<>	<lod< td=""><td>409</td></lod<>	409
4286285.343	242512.915	R123	1407	California Avenue	back	24	5	197	525	<lod< td=""><td><lod< td=""><td>410</td></lod<></td></lod<>	<lod< td=""><td>410</td></lod<>	410
4286258.153	242537.511	R124	1409	California Avenue	front	surface	1	199	122	<lod< td=""><td><lod< td=""><td>412</td></lod<></td></lod<>	<lod< td=""><td>412</td></lod<>	412
4286258.153	242537.511	R124	1409	California Avenue	front	6	2	200	116	<lod< td=""><td><lod< td=""><td>413</td></lod<></td></lod<>	<lod< td=""><td>413</td></lod<>	413
4286276.880	242606.392	R67	1505	California Avenue	back	1	1	413	221.6	<lod< td=""><td><lod< td=""><td>183</td></lod<></td></lod<>	<lod< td=""><td>183</td></lod<>	183
4286276.880	242606.392	R67	1505	California Avenue	back	6	2	414	188.7	<lod< td=""><td><lod< td=""><td>184</td></lod<></td></lod<>	<lod< td=""><td>184</td></lod<>	184
4286276.880	242606.392	R67	1505	California Avenue	back	12	4	415	590.4	<lod< td=""><td><lod< td=""><td>185</td></lod<></td></lod<>	<lod< td=""><td>185</td></lod<>	185
4286276.880	242606.392	R67	1505	California Avenue	back	24	5	416	43	<lod< td=""><td><lod< td=""><td>186</td></lod<></td></lod<>	<lod< td=""><td>186</td></lod<>	186
4286294.272	242600.750	R68	1505	California Avenue	back	surface	1	417	333.2	<lod< td=""><td><lod< td=""><td>187</td></lod<></td></lod<>	<lod< td=""><td>187</td></lod<>	187
4286294.272	242600.750	R68	1505	California Avenue	back	6	2		864.8	<lod< td=""><td>362</td><td>188</td></lod<>	362	188
4286294.272		+	1505		back	12	4	419	1369.6	<lod< td=""><td><lod< td=""><td>189</td></lod<></td></lod<>	<lod< td=""><td>189</td></lod<>	189
4286294.272	 		1505	California Avenue	back	24	5	 	42	<lod< td=""><td><lod< td=""><td>190</td></lod<></td></lod<>	<lod< td=""><td>190</td></lod<>	190
4286244.904			1511	California Avenue	front	surface	1	81	103	<lod< td=""><td><lod< td=""><td>445</td></lod<></td></lod<>	<lod< td=""><td>445</td></lod<>	445
4286244.904	T	R133	1511	California Avenue	front	6	2		111.9	<lod< td=""><td><lod< td=""><td>446</td></lod<></td></lod<>	<lod< td=""><td>446</td></lod<>	446
4286244.904	 	R133	1511	California Avenue	front	12	1 4	83		<lod< td=""><td><lod< td=""><td>447</td></lod<></td></lod<>	<lod< td=""><td>447</td></lod<>	447
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Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1.2

			, C	onchetrations show	n in milligrams	per kiligram (or parts p	er million				
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286244.904	242665.960	R133	1511	California Avenue	front	24	5	84	93	<lod< td=""><td>243.2</td><td>448</td></lod<>	243.2	448
4286285.980	242677.781	R134	1511	California Avenue	back	surface	1	85	159.2	<lod< td=""><td>217.8</td><td>449</td></lod<>	217.8	449
4286285.980	242677.781	R134	1511	California Avenue	back	6	2	86	. 301	<lod< td=""><td>404</td><td>450</td></lod<>	404	450
4286285.980	242677.781	R134	1511	California Avenue	back	12	4	87	173.1	<lod< td=""><td><lod< td=""><td>451</td></lod<></td></lod<>	<lod< td=""><td>451</td></lod<>	451
4286285.980	242677.781	R134	1511	California Avenue	back	24	5	88	775	<lod< td=""><td><lod< td=""><td>452</td></lod<></td></lod<>	<lod< td=""><td>452</td></lod<>	452
4286247.510	242719.890	R135	1601	California Avenue	front	surface] 1	89	252	<lod< td=""><td><lod< td=""><td>453</td></lod<></td></lod<>	<lod< td=""><td>453</td></lod<>	453
4286247 510	242719.890	R135	1601	California Avenue	front	6	2	90	221.8	<lod< td=""><td>265.4</td><td>454</td></lod<>	265.4	454
4286247.510	242719.890	R135	1601	California Avenue	front	12	4	91	505.2	<lod< td=""><td><lod< td=""><td>455</td></lod<></td></lod<>	<lod< td=""><td>455</td></lod<>	455
4286247 510	242719.890	R135	1601	California Avenue	front	24	5	92	107	16.6	<lod< td=""><td>456</td></lod<>	456
4286285.840	242722.121	R136	1601	California Avenue	back	surface	1	93	154.5	<lod< td=""><td><lod< td=""><td>457</td></lod<></td></lod<>	<lod< td=""><td>457</td></lod<>	457
4286285.840	242722.121	R136	1601	California Avenue	back	6	2	94	106.2	<lod< td=""><td><lod< td=""><td>458</td></lod<></td></lod<>	<lod< td=""><td>458</td></lod<>	458
4286285.840	242722.121	R136	1601	California Avenue	back	12	4	95	119	<lod< td=""><td>212.6</td><td>459</td></lod<>	212.6	459
4286285.840	242722.121	R136	1601	California Avenue	back	24		96	413	<lod< td=""><td>257.4</td><td>460</td></lod<>	257.4	460
4286237.006	242881.868	R96	1701	California Avenue	front	surface	1	79	77.6	<lod< td=""><td>249.8</td><td>300</td></lod<>	249.8	300
4286237.006	242881.866	R96	1701	California Avenue	front	6	2	80	147.5	<lod< td=""><td>343.2</td><td>301</td></lod<>	343.2	301
4286237.006	242881.866	R96	1701	California Avenue	front	12	4	81	775.2	<lod< td=""><td>758.4</td><td>302</td></lod<>	758.4	302
4286255.736	242862.619	R97	1701	California Avenue	back	surface	1	82	63.4	<lod< td=""><td><lod< td=""><td>303</td></lod<></td></lod<>	<lod< td=""><td>303</td></lod<>	303
4286367.014	242858.014	R69	1711	California Avenue	back	surface	! !	421	252.4	<lod< td=""><td><lod< td=""><td>191</td></lod<></td></lod<>	<lod< td=""><td>191</td></lod<>	191
4286367.014	242858.014	R69	1711	California Avenue	back	6	1 2	422	324	<lod< td=""><td><lod< td=""><td>192</td></lod<></td></lod<>	<lod< td=""><td>192</td></lod<>	192
4286367.014	242858.014	R69	1711	California Avenue	back	12] 4	423	57.2	<lod< td=""><td><lod< td=""><td>193</td></lod<></td></lod<>	<lod< td=""><td>193</td></lod<>	193
4286367.014	242858.014	R69	1711	California Avenue	back	24	!	424	137	<lod< td=""><td><lod< td=""><td>194</td></lod<></td></lod<>	<lod< td=""><td>194</td></lod<>	194
4286363.073	242915.648	R70	1711	California Avenue	front	surface	1	426	103.6	<lod< td=""><td><lod< td=""><td>195</td></lod<></td></lod<>	<lod< td=""><td>195</td></lod<>	195
4286363.073	242915.648	R70	1711	California Avenue	front	6] _3	427	199.6	<lod< td=""><td><lod< td=""><td>196</td></lod<></td></lod<>	<lod< td=""><td>196</td></lod<>	196
4286363.073	242915.848	R70	1711	California Avenue	front	12	1	428	49.8	<lod< td=""><td><lod< td=""><td>197</td></lod<></td></lod<>	<lod< td=""><td>197</td></lod<>	197
4286529.836	242936.010	GP4	1750	California Avenue	front	surface	1	65	158.9	<lod< td=""><td>282.6</td><td>287</td></lod<>	282.6	287
4286529.836	242936.010	GP4	1750	California Avenue	front	6		2 66	57.1	<lod< td=""><td><lod< td=""><td>288</td></lod<></td></lod<>	<lod< td=""><td>288</td></lod<>	288
4286529.836	242936.010	GP4	1750	California Avenue	front	12		67	157.3	<lod< td=""><td>333</td><td>289</td></lod<>	333	289
4286529.836	242936.010	GP4	1750	California Avenue	front	24		68	60.8	<lod< td=""><td>665.6</td><td>290</td></lod<>	665.6	290
4286529.836	242936.010	GP4	1750	California Avenue	front	48	40	69	30	<lod< td=""><td><lod< td=""><td>291</td></lod<></td></lod<>	<lod< td=""><td>291</td></lod<>	291
4286529.836	242936.010	GP4	1750	California Avenue	front	84	84	70	41.6	<lod< td=""><td><lod< td=""><td>292</td></lod<></td></lod<>	<lod< td=""><td>292</td></lod<>	292
4286529.836	242936.010	GP4	1750	California Avenue	front	120	120	72	30	<rp><rod< td=""><td><lod< td=""><td>293</td></lod<></td></rod<></rp>	<lod< td=""><td>293</td></lod<>	293
4286529.836	242936.010	GP4	1750	California Avenue	front	216	210	73	. 30	<lod< td=""><td><lod< td=""><td>294</td></lod<></td></lod<>	<lod< td=""><td>294</td></lod<>	294
4286498.657	242962.411	R93	1750	California Avenue	front	surface		1 74	76.6	<lod< td=""><td>353.8</td><td>295</td></lod<>	353.8	295
4286498.657	242962.411	R93	1750	California Avenue	front	12	<u> </u>	75	31.1	<lod< td=""><td><lod< td=""><td>296</td></lod<></td></lod<>	<lod< td=""><td>296</td></lod<>	296

Table 2 St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

Concnetrations shown in milligrams per kiligram or parts per million

	 	ι	1	onchetrations shown	III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	per kiligi arii k	or parts pe		· · · · · · · · · · · · · · · · · · ·		Τ	
		Sample	House		Location in	Sample Depth	Depth	XRF Reading				
UTM - Y	UTM-X	Number	No.	Street	yard	(inches)	Category	Number	Lead	Arsenic	Chromium	Sort
4286498.657	242962.411	R93	1750	California Avenue	front	24	5	76	30	<lod< td=""><td><lod< td=""><td>297</td></lod<></td></lod<>	<lod< td=""><td>297</td></lod<>	297
4286530.654	242937.892	R94	1750	California Avenue	road, front	surface	1	77	30	<lod< td=""><td><lod< td=""><td>298</td></lod<></td></lod<>	<lod< td=""><td>298</td></lod<>	298
4286478.304	242919.015	R95	1750	California Avenue	front	surface	1	78	435.2	<lod< td=""><td>420.4</td><td>299</td></lod<>	420.4	299
4286362.978	242729.525	R146	2	Cedar Point	back	surface	1	25	107.1	<lod< td=""><td><lod< td=""><td>586</td></lod<></td></lod<>	<lod< td=""><td>586</td></lod<>	586
4286362.978	242729.525	R146	2	Cedar Point	back	6	2	26	107.1	<lod< td=""><td><lod< td=""><td>587</td></lod<></td></lod<>	<lod< td=""><td>587</td></lod<>	587
4286362.978	242729.525	R146	2	Cedar Point	back	12	4	27	67	22.7	<lod< td=""><td>588</td></lod<>	588
4286362.978	242729.525	R146	2	Cedar Point	back	24	5	28	125.1	<lod< td=""><td><lod< td=""><td>589</td></lod<></td></lod<>	<lod< td=""><td>589</td></lod<>	589
4286400.149	242715.698	R147	4	Cedar Point	front	surface	1	29	65.3	<lod< td=""><td><lod< td=""><td>590</td></lod<></td></lod<>	<lod< td=""><td>590</td></lod<>	590
4286400.149	242715.698	R147	4	Cedar Point	front	6	2	30	51	<lod< td=""><td><lod< td=""><td>591</td></lod<></td></lod<>	<lod< td=""><td>591</td></lod<>	591
4286400.149	242715.698	R147	4	Cedar Point	front	12	4	31	22	<lod< td=""><td><lod< td=""><td>592</td></lod<></td></lod<>	<lod< td=""><td>592</td></lod<>	592
4286400.149	242715.698	R147	4	Cedar Point	front	24	5	32	21.9	21.6	<lod< td=""><td>593</td></lod<>	593
4286418.701	242731.647	R148	4	Cedar Point	back	surface	1	33	842.4	<lod< td=""><td>1380</td><td>594</td></lod<>	1380	594
4286418.701	242731.647	R148	4	Cedar Point	back	6	2	34	2619.2	<lod< td=""><td><lod< td=""><td>595</td></lod<></td></lod<>	<lod< td=""><td>595</td></lod<>	595
4286418.701	242731.647	R148	4	Cedar Point	back	12	4	35	416	<lod< td=""><td>557.6</td><td>596</td></lod<>	557.6	596
4286418.701	242731.647	R148	4	Cedar Point	back	24	5	36	250.6	. <lod< td=""><td><lod< td=""><td>597</td></lod<></td></lod<>	<lod< td=""><td>597</td></lod<>	597
4286436.955	242676.438	R149	5	Cedar Point	back	surface	1	37	186.2	<lod< td=""><td><lod< td=""><td>598</td></lod<></td></lod<>	<lod< td=""><td>598</td></lod<>	598
4286436.955	242676.438	R149	5	Cedar Point	back	6	2	38	141.6	<lod< td=""><td><lod< td=""><td>599</td></lod<></td></lod<>	<lod< td=""><td>599</td></lod<>	599
4286436.955	242676.438	R149	5	Cedar Point	back	12	4	39	113	<lod< td=""><td><lod< td=""><td>600</td></lod<></td></lod<>	<lod< td=""><td>600</td></lod<>	600
4286436.955	242676.438	R149	5	Cedar Point	back	24	5	40	30	<lod< td=""><td><lod< td=""><td>601</td></lod<></td></lod<>	<lod< td=""><td>601</td></lod<>	601
4286412.955	242697.237	R51	6	Cedar Point	front	2	1	364	51.5	<lod< td=""><td><lod< td=""><td>134</td></lod<></td></lod<>	<lod< td=""><td>134</td></lod<>	134
4286445.567	242718.428	R52	6	Cedar Point	back	surface	1	365	68.9	<lod< td=""><td><lođ< td=""><td>135</td></lođ<></td></lod<>	<lođ< td=""><td>135</td></lođ<>	135
4286445.567	242718.428	R52	6	Cedar Point	back	24	5	366	34	<lod< td=""><td>307.8</td><td>136</td></lod<>	307.8	136
4286457.750	242717.821	R53	6	Cedar Point	ravine to south	1-2	1	367	1819.2	<lod< td=""><td><lod< td=""><td>137</td></lod<></td></lod<>	<lod< td=""><td>137</td></lod<>	137
4286698.863	242740.712	R87	1972	Dogwood Trail	front	surface	1	10	1600	<lod< td=""><td>318.4</td><td>237</td></lod<>	318.4	237
4286698.863	242740.712	R87	1972	Dogwood Trail	front	6	. 2	. 11	2028.8	<lod< td=""><td>438.4</td><td>238</td></lod<>	438.4	238
4286698.863	242740.712	R87	1972	Dogwood Trail	front	12	4	12	3379.2	<lod< td=""><td>543.2</td><td>239</td></lod<>	543.2	239
4286698.863	242740.712	R87	1972	Dogwood Trail	front	24	5	13	4029	<lod< td=""><td><lod< td=""><td>240</td></lod<></td></lod<>	<lod< td=""><td>240</td></lod<>	240
4286728.380	242755.806	R139	1972	Dogwood Trail	north side yard	surface	1	19	202.1	<lod< td=""><td><lod< td=""><td>469</td></lod<></td></lod<>	<lod< td=""><td>469</td></lod<>	469
4286728.380	242755.806	R139	1972	Dogwood Trail	north side yard	6	2	20	510.8	40.3	406.2	470
4286728.380	242755.806	R139	 	Dogwood Trail	north side yard	12	4	21	118.3	<lod< td=""><td><lod< td=""><td>471</td></lod<></td></lod<>	<lod< td=""><td>471</td></lod<>	471
4286728.380	242755.806	R139		Dogwood Trail	north side yard	24	5		404.6	<lod< td=""><td><lod< td=""><td>472</td></lod<></td></lod<>	<lod< td=""><td>472</td></lod<>	472
4286728.689	242748.417	R140		Dogwood Trail	front	surface	1	23		<lod< td=""><td>797.2</td><td>473</td></lod<>	797.2	473
4286728.689	242748.417	R140		Dogwood Trail	front	6	2	24	2579.2	<lod< td=""><td><lod< td=""><td>474</td></lod<></td></lod<>	<lod< td=""><td>474</td></lod<>	474
4286728.689	242748.417	R140	1972	Dogwood Trail	front	12	4			<lod< td=""><td><lod< td=""><td>475</td></lod<></td></lod<>	<lod< td=""><td>475</td></lod<>	475

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per killigram or parts per million

UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286728.689	242748 417	R140	1972	Dogwood Trail	front	24	5	26	2289.6	<lod< td=""><td><lod< td=""><td>476</td></lod<></td></lod<>	<lod< td=""><td>476</td></lod<>	476
4286702.95	242686.78	01702	1973	Dogwood Trail			1		347			542
4286699.86	242720.81	01701	1973	Dogwood Trail			1		691			543
4288745.953	242781.068	R88	1974	Dogwood Trail	back	surface	1	14	38.5	<lod< td=""><td>340.2</td><td>241</td></lod<>	340.2	241
4286745.953	242781.068	R88	1974	Dogwood Trail	back	8	2	15	31.5	<lod< td=""><td><lod< td=""><td>242</td></lod<></td></lod<>	<lod< td=""><td>242</td></lod<>	242
4286745.953	242781.068	R88	1974	Dogwood Trail	back	12	4	16	22.3	<lod< td=""><td><lod< td=""><td>243</td></lod<></td></lod<>	<lod< td=""><td>243</td></lod<>	243
4286745.953	242781.068	R88	1974	Dogwood Trail	back	24	5	17	26	<lod< td=""><td><lod< td=""><td>244</td></lod<></td></lod<>	<lod< td=""><td>244</td></lod<>	244
4286727.537	242724.871	R92	1975	Dogwood Trail	front	surface	1	55	87.1	<lod< td=""><td><lod< td=""><td>282</td></lod<></td></lod<>	<lod< td=""><td>282</td></lod<>	282
4286727.537	242724.871	R92	1975	Dogwood Trail	front	6	2	56	92.1	<lod< td=""><td><lod< td=""><td>283</td></lod<></td></lod<>	<lod< td=""><td>283</td></lod<>	283
4286727.537	242724.871	R92	1975	Dogwood Trail	front	12	4	57	871.2	<lod< td=""><td>350.6</td><td>284</td></lod<>	350.6	284
4288727.537	242724.871	R92	1975	Dogwood Trail	front	18	5	58	357.4	<lod< td=""><td><lod< td=""><td>285</td></lod<></td></lod<>	<lod< td=""><td>285</td></lod<>	285
4288732.88	242728.54	01700	1975	Dogwood Trail		•	1		2652			544
4286734.92	242697.61	01699	1975	Dogwood Trail	1		1		1072			545
4286798.369	242795.111	R105	1976	Dogwood Trail	front	surface	1	113	105.9	<lod< td=""><td>788.4</td><td>334</td></lod<>	788.4	334
4286798.369	242795.111	R105	1976	Dogwood Trail	front	6	2	114	174.2	<lod< td=""><td>270.2</td><td>335</td></lod<>	270.2	335
4286798.369	242795.111	R105	1976	Dogwood Trail	front	12] 4	115	117.2	<lod< td=""><td>565.6</td><td>336</td></lod<>	565.6	336
4286798.369	242795.111	R105	1976	Dogwood Trail	front	24	5	116	1160	<lod< td=""><td><lod< td=""><td>337</td></lod<></td></lod<>	<lod< td=""><td>337</td></lod<>	337
4286802.46	242848.16	01698	1980	Dogwood Trail			1		1400		T	546
4286810.71	242839.91	01697	1980	Dogwood Trail	ł	1	1		832			547
4286807.10	242748.65	01696	1981	Dogwood Trail			1		74			548
4286797.82	242759.48	01695	1981	Dogwood Trail	1		1		85			549
4286809.090	242772.193	R151	1983	Dogwood Trail	front	surface	1	45	19.2	<lod< td=""><td><lod< td=""><td>606</td></lod<></td></lod<>	<lod< td=""><td>606</td></lod<>	606
4286809.090	242772.193	R151	1983	Dogwood Trail	front	6	2	48	30	<lod< td=""><td><lod< td=""><td>607</td></lod<></td></lod<>	<lod< td=""><td>607</td></lod<>	607
4286809.090	242772.193	R151	1983	Dogwood Trail	front	12	4	47	23.5	<lod< td=""><td><lod< td=""><td>608</td></lod<></td></lod<>	<lod< td=""><td>608</td></lod<>	608
4286809.090	242772.193	R151	1983	Dogwood Trail	front	24	•	48	29.8	<lod< td=""><td><lod< td=""><td>609</td></lod<></td></lod<>	<lod< td=""><td>609</td></lod<>	609
4286841,144	242754.448	R152	1983	Dogwood Trail	back	surface	1	49	423.6	<lod< td=""><td>662.4</td><td>610</td></lod<>	662.4	610
4286841.144	242754.448	R152	1983	Dogwood Trail	back	6] 2	50	459.2	<lod< td=""><td>745.2</td><td>611</td></lod<>	745.2	611
4286841.144	242754.448	R152	1983	Dogwood Trail	back	12		51	126.3	<lod< td=""><td>492.4</td><td>612</td></lod<>	492.4	612
4286841.144	242754.448	R152	1983	Dogwood Trail	back	24	6	52	28.7	<lod< td=""><td><lod< td=""><td>613</td></lod<></td></lod<>	<lod< td=""><td>613</td></lod<>	613
4286829.568	242806.819	R150	1985	Dogwood Trail	front	surface	1	41	41.4	<lod< td=""><td><lod< td=""><td>602</td></lod<></td></lod<>	<lod< td=""><td>602</td></lod<>	602
4286829.568	242806.819	R150	1985	Dogwood Trail	front	6_	2	42	51	<lod< td=""><td><lod< td=""><td>603</td></lod<></td></lod<>	<lod< td=""><td>603</td></lod<>	603
4286829.568	242806.819	R150	1985	Dogwood Trail	front	12	4	43	34.1	<lod< td=""><td>729.6</td><td>604</td></lod<>	729.6	604
4286829.568	242806.819	R150	1985	Dogwood Trail	front	24		44	26.9	<lod< td=""><td><lod< td=""><td>605</td></lod<></td></lod<>	<lod< td=""><td>605</td></lod<>	605
4286403.669	242641.124	R54	4	Driftwood	back	1	1	368	171.1	<lod< td=""><td><lod< td=""><td>138</td></lod<></td></lod<>	<lod< td=""><td>138</td></lod<>	138

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1.2
Concnetrations shown in milligrams per kiligram or parts per million

						, , , , , , , , , , , , , , , , , , , ,						
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286403.669	242641.124	R54	4	Driftwood `	back	10	3	369	561.6	<lod< td=""><td>299</td><td>139</td></lod<>	299	139
4286403.669	242641.124	R54	4	Driftwood	back	14	4	370	546	<lod< td=""><td>0</td><td>140</td></lod<>	0	140
4286403.669	242641.124	R54	4	Driftwood	back	24	5	371	. 35	<lod< td=""><td>340</td><td>141</td></lod<>	340	141
4286418.762	242586.296	R153	5	Driftwood	front	surface	1	53	46.5	<lod< td=""><td><lod< td=""><td>614</td></lod<></td></lod<>	<lod< td=""><td>614</td></lod<>	614
4286418.762	242586.296	R153	5	Driftwood	front	6	2	54	30	<lod< td=""><td><lod< td=""><td>615</td></lod<></td></lod<>	<lod< td=""><td>615</td></lod<>	615
4286418.762	242586.296	R153	5	Driftwood	front	24	5	55	135.2	<lod< td=""><td><lod< td=""><td>616</td></lod<></td></lod<>	<lod< td=""><td>616</td></lod<>	616
4286435.433	242559.874	R154	5	Driftwood	back	surface	1	56	368.6	<lod< td=""><td><lod< td=""><td>617</td></lod<></td></lod<>	<lod< td=""><td>617</td></lod<>	617
4286435.433	242559.874	R154	5	Driftwood	back	6	2	57	308.6	<lod< td=""><td><lod< td=""><td>618</td></lod<></td></lod<>	<lod< td=""><td>618</td></lod<>	618
4286435.433	242559.874	R154	5	Driftwood	back	12	4	58	161.4	<lod< td=""><td><lod< td=""><td>619</td></lod<></td></lod<>	<lod< td=""><td>619</td></lod<>	619
4286435.433	242559.874	R154	5	Driftwood	back	24	5	59	3600	<lod< td=""><td><lod< td=""><td>620</td></lod<></td></lod<>	<lod< td=""><td>620</td></lod<>	620
4286461.386	242583.294	X101	7	Driftwood Lane		surface	1		730			477
4286985.830	243171.193	R155	2011	Greenbrier Drive	front	surface	1	60	30	<lod< td=""><td>3337.6</td><td>621</td></lod<>	3337.6	621
4286985.830	243171.193	R155	2011	Greenbrier Drive	front	6	2	61	30	<lod< td=""><td>729.2</td><td>622</td></lod<>	729.2	622
4286985.830	243171.193	R155	2011	Greenbrier Drive	front	12	4	62	25.2	<lod< td=""><td><lod< td=""><td>623</td></lod<></td></lod<>	<lod< td=""><td>623</td></lod<>	623
4286985.830	243171.193	R155	2011	Greenbrier Drive	front	24	5	63	30	<lod< td=""><td><lod< td=""><td>624</td></lod<></td></lod<>	<lod< td=""><td>624</td></lod<>	624
4287078.361	243300.546	R83	2016	Greenbrier Drive	back	surface	1	33	30	<lod< td=""><td><lod< td=""><td>224</td></lod<></td></lod<>	<lod< td=""><td>224</td></lod<>	224
4287078.361	243300.546	R83	2016	Greenbrier Drive	back	6	2	34	30	<lod< td=""><td><lod< td=""><td>225</td></lod<></td></lod<>	<lod< td=""><td>225</td></lod<>	225
4287078.361	243300.546	R83	2016	Greenbrier Drive	back	12	4	35	30	<lod< td=""><td><lod< td=""><td>226</td></lod<></td></lod<>	<lod< td=""><td>226</td></lod<>	226
4287118.597	243286.654	R156	2020	Greenbrier Drive	front	surface	1	64	30	<lod< td=""><td>677.2</td><td>625</td></lod<>	677.2	625
4287118.597	243286.654	R156	2020	Greenbrier Drive	front	6	2	65	30	<lod< td=""><td>1100</td><td>626</td></lod<>	1100	626
4287118.597	243286.654	R156	2020	Greenbrier Drive	front	12	4	66	31.4	<lod< td=""><td><lod< td=""><td>627</td></lod<></td></lod<>	<lod< td=""><td>627</td></lod<>	627
4287118.597	243286.654	R156	2020	Greenbrier Drive	front	24		68	30	<lod< td=""><td>589.2</td><td>628</td></lod<>	589.2	628
4287119.52	243312.09	R157	2020	Greenbrier Drive	back	surface	1	69	23.5	<lod< td=""><td><lod< td=""><td>629</td></lod<></td></lod<>	<lod< td=""><td>629</td></lod<>	629
4287119.52	243312.09	R157	2020	Greenbrier Drive	back	6	2	70	30	<lod< td=""><td><lod< td=""><td>630</td></lod<></td></lod<>	<lod< td=""><td>630</td></lod<>	630
4287119.52	243312.09	R157	2020	Greenbrier Drive	back	12	4	71	30	<lod< td=""><td><lod< td=""><td>631</td></lod<></td></lod<>	<lod< td=""><td>631</td></lod<>	631
4287119.52	243312.09	R157	2020	Greenbrier Drive	back	24		72	30	<lod< td=""><td><lod< td=""><td>632</td></lod<></td></lod<>	<lod< td=""><td>632</td></lod<>	632
4286355.465	242419.002	R36	1009	Hickory Point	front	2	1	325	47.7	<lod< td=""><td><lod< td=""><td>107</td></lod<></td></lod<>	<lod< td=""><td>107</td></lod<>	107
4286355.465	242419.002	R36	1009	Hickory Point	front	8			30	<lod< td=""><td><lod< td=""><td>108</td></lod<></td></lod<>	<lod< td=""><td>108</td></lod<>	108
4286355.465		R36	+	Hickory Point	front	24			280	<lod< td=""><td><lod< td=""><td>109</td></lod<></td></lod<>	<lod< td=""><td>109</td></lod<>	109
4286309.178	242543.159	R55		Hickory Point	back	surface		372	33.3	20.5	<lod< td=""><td>142</td></lod<>	142
4286309.178			 	Hickory Point	back	6	1	+	71.7	<lod< td=""><td><lod< td=""><td>143</td></lod<></td></lod<>	<lod< td=""><td>143</td></lod<>	143
4286297.263	242539.523	R56	1016	Hickory Point	back	surface		374	1720	<lod< td=""><td><lod< td=""><td>144</td></lod<></td></lod<>	<lod< td=""><td>144</td></lod<>	144
4286297.263		R56	1	Hickory Point	back	6		2 375	522.8	65.1	<lod< td=""><td>145</td></lod<>	145
4286297.263	242539.523	R56	1016	Hickory Point	back	12	1	376		<lod< td=""><td><lod< td=""><td>146</td></lod<></td></lod<>	<lod< td=""><td>146</td></lod<>	146

Table 2 St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per kiligram or parts per million

1	1	. .	[DITCHER BRIOTIS STOWN		· 1	· - '					
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286297.263	242539.523	R56	1016	Hickory Point	back	18	5	377	2250	<lod< td=""><td>385.6</td><td>147</td></lod<>	385.6	147
4286297.263	242539.523	R56	1016	Hickory Point	back	24	5	378	353	-VO	<lod< td=""><td>148</td></lod<>	148
4286306.147	242535.061	R57	1016	Hickory Point	back	surface	1	379	28.2	<lod< td=""><td><lod< td=""><td>149</td></lod<></td></lod<>	<lod< td=""><td>149</td></lod<>	149
4286306.147	242535.061	R57	1016	Hickory Point	back	10	3	380	84.4	<lod< td=""><td><lod< td=""><td>150</td></lod<></td></lod<>	<lod< td=""><td>150</td></lod<>	150
4286306.147	242535.061	R57	1016	Hickory Point	back	18	j 5	381	88	<lod< td=""><td><lod< td=""><td>151</td></lod<></td></lod<>	<lod< td=""><td>151</td></lod<>	151
4286306.147	242535.061	R57	1016	Hickory Point	back	24	5	382	272	<lod< td=""><td><lod< td=""><td>152</td></lod<></td></lod<>	<lod< td=""><td>152</td></lod<>	152
4286372.470	242755.702	R158	1025	Hickory Point	back	surface	1	73	173.5	<lod< td=""><td>895.2</td><td>633</td></lod<>	895.2	633
4286372.470	242755.702	R158	1025	Hickory Point	back	6	2	74	161.9	<lod< td=""><td><lod< td=""><td>634</td></lod<></td></lod<>	<lod< td=""><td>634</td></lod<>	634
4286372.470	242755.702	R158	1025	Hickory Point	back	12	4	75	128.2	<lod< td=""><td><lod< td=""><td>635</td></lod<></td></lod<>	<lod< td=""><td>635</td></lod<>	635
4286372.470	242755.702	R158	1025	Hickory Point	back	24	5	76	136.1	<lod< td=""><td><lod< td=""><td>636</td></lod<></td></lod<>	<lod< td=""><td>636</td></lod<>	636
4286332.681	242706.424	R50	1028	Hickory Point	front	surface	1	362	218.6	<lod< td=""><td><lod< td=""><td>132</td></lod<></td></lod<>	<lod< td=""><td>132</td></lod<>	132
4286332.681	242706.424	R50	1028	Hickory Point	front	6	2	363	194.3	<lod< td=""><td><lod< td=""><td>133</td></lod<></td></lod<>	<lod< td=""><td>133</td></lod<>	133
4286357.299	242809.325	R47	1029	Hickory Point	front	2	1	356	109.7	<lod< td=""><td><lod< td=""><td>126</td></lod<></td></lod<>	<lod< td=""><td>126</td></lod<>	126
4286357.299	242809.325	R47	1029	Hickory Point	front	8] 3	357	74.7	<lod< td=""><td>291.2</td><td>127</td></lod<>	291.2	127
4286357.299	242809.325	R47	1029	Hickory Point	front	18	. 5	358	39	<lod< td=""><td><lod< td=""><td>128</td></lod<></td></lod<>	<lod< td=""><td>128</td></lod<>	128
4286414.123	242798.396	R48	1029	Hickory Point	creek in back	2	1	359	166.6	<lod< td=""><td><lod< td=""><td>129</td></lod<></td></lod<>	<lod< td=""><td>129</td></lod<>	129
4286410.934	242802.459	R49	1029	Hickory Point	back	surface	1	360	67	<lod< td=""><td><lod< td=""><td>130</td></lod<></td></lod<>	<lod< td=""><td>130</td></lod<>	130
4286410.934	242802.459	R49	1029	Hickory Point	back	6] 2	361	102.7	<lod< td=""><td><lod< td=""><td>131</td></lod<></td></lod<>	<lod< td=""><td>131</td></lod<>	131
4286301.993	242746.644	R129	1032	Hickory Point	back	surface	1	65	26.7	<lod< td=""><td><lod< td=""><td>429</td></lod<></td></lod<>	<lod< td=""><td>429</td></lod<>	429
4286301.993	242746.644	R129	1032	Hickory Point	back	6	2	66	21.8	<lod< td=""><td>235.6</td><td>430</td></lod<>	235.6	430
4286301.993	242746.644	R129	1032	Hickory Point	back	12	1	67	15.6	<lod< td=""><td>845.6</td><td>431</td></lod<>	845.6	431
4286301.993	242746.644	R129	1032	Hickory Point	back	24	•	68	23	<lod< td=""><td><lod< td=""><td>432</td></lod<></td></lod<>	<lod< td=""><td>432</td></lod<>	432
4287010.071	242811.161	R172	1996	Lemon Tree Court	west side yard	surface	1	137	32.1	<lod< td=""><td><lod< td=""><td>686</td></lod<></td></lod<>	<lod< td=""><td>686</td></lod<>	686
4287010.071	242811.161	R172	1998	Lemon Tree Court	west side yard	6		138	34.6	<lod< td=""><td><lod< td=""><td>686</td></lod<></td></lod<>	<lod< td=""><td>686</td></lod<>	686
4287010.07	242811.161	R172	1996	Lemon Tree Court	west side yard	12] 7	139	30	<lod< td=""><td><lod< td=""><td>690</td></lod<></td></lod<>	<lod< td=""><td>690</td></lod<>	690
4287010.07	242811.161	R172	1996	Lemon Tree Court	west side yard	24	1 6	140	30	<lod< td=""><td><lod< td=""><td>691</td></lod<></td></lod<>	<lod< td=""><td>691</td></lod<>	691
4287001.207	242830.788	R173	1996	Lemon Tree Court	back	surface	1 1	141	36.2	<lod< td=""><td><lod< td=""><td>692</td></lod<></td></lod<>	<lod< td=""><td>692</td></lod<>	692
4287001.207	1	R173	1996	Lemon Tree Court	back	J e		142	41.9	<lod< td=""><td>642</td><td>693</td></lod<>	642	693
4287001.207		R173	1996	Lemon Tree Court	back	12		143	45.1	<lod< td=""><td><lod< td=""><td>694</td></lod<></td></lod<>	<lod< td=""><td>694</td></lod<>	694
4287001.207	242830.788	R173	1996	Lemon Tree Court	back	24	1 .		53	<lod< td=""><td><lod< td=""><td>696</td></lod<></td></lod<>	<lod< td=""><td>696</td></lod<>	696
4286577.465	4			Lemon Tree Lane	front	surface		77	1760	<lod< td=""><td><lod< td=""><td>637</td></lod<></td></lod<>	<lod< td=""><td>637</td></lod<>	637
4286577.465			1962	Lemon Tree Lane	front	6		78	1209.6	<lod< td=""><td>1400</td><td>636</td></lod<>	1400	636
4286577.465	242615.295	R159		Lemon Tree Lane	front	12		79	2348.8	<lod< td=""><td><lod< td=""><td>639</td></lod<></td></lod<>	<lod< td=""><td>639</td></lod<>	639
4286577.465	242615.295	R159		Lemon Tree Lane	front	24	<u> </u>	80	1180	<lod< td=""><td><lod< td=""><td>640</td></lod<></td></lod<>	<lod< td=""><td>640</td></lod<>	640

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs ^{1,2}

Concnetrations shown in milligrams per kiligram or parts per million

												
LITAA V	LITA	Sample Number	House No.	Street	Location in yard	Sample Depth	Depth	XRF Reading Number	l and	Amanda	6	
UTM - Y	UTM-X	<u> </u>				(inches)	Category		Lead	Arsenic	Chromium	Sort
4286561.146				Lemon Tree Lane	back	surface	1	81	1089.6	118.2	<lod< td=""><td>641</td></lod<>	641
4286561.146			1962	Lemon Tree Lane	back	6	2		3939.2	<lod< td=""><td><lod< td=""><td>642</td></lod<></td></lod<>	<lod< td=""><td>642</td></lod<>	642
4286561.146			1962	Lemon Tree Lane	back	12	4		3148.8	<lod< td=""><td><lod< td=""><td>643</td></lod<></td></lod<>	<lod< td=""><td>643</td></lod<>	643
4286561.146	 		1962	Lemon Tree Lane	back	24	5		460.4	<lod< td=""><td><lod_< td=""><td>644</td></lod_<></td></lod<>	<lod_< td=""><td>644</td></lod_<>	644
4286659.164					front	surface	1		2049.6	<lod< td=""><td><lod< td=""><td>645</td></lod<></td></lod<>	<lod< td=""><td>645</td></lod<>	645
4286659.164				Lemon Tree Lane	front	6	2		7417.6	<lod< td=""><td><lod< td=""><td>646</td></lod<></td></lod<>	<lod< td=""><td>646</td></lod<>	646
4286659.164				Lemon Tree Lane	front	12	4	<u> </u>	3638.4	<lod< td=""><td><lod< td=""><td>647</td></lod<></td></lod<>	<lod< td=""><td>647</td></lod<>	647
4286659.164				Lemon Tree Lane	front	24	5		4137.6	<lod< td=""><td><lod< td=""><td>648</td></lod<></td></lod<>	<lod< td=""><td>648</td></lod<>	648
4286682.060	 	 	·	Lemon Tree Lane	back	surface	1	92	2600	<lod< td=""><td><lod< td=""><td>649</td></lod<></td></lod<>	<lod< td=""><td>649</td></lod<>	649
4286682.060	· · · · · · · · · · · · · · · · · · ·			Lemon Tree Lane	back	6	2		1748.8	<lod< td=""><td><lod< td=""><td>650</td></lod<></td></lod<>	<lod< td=""><td>650</td></lod<>	650
4286682.060				Lemon Tree Lane	back	12	4	97	1480	<lod< td=""><td>1280</td><td>651</td></lod<>	1280	651
4286682.060			1969	Lemon Tree Lane	back	24	5		4947.2	<lod< td=""><td><lod< td=""><td>652</td></lod<></td></lod<>	<lod< td=""><td>652</td></lod<>	652
4286682.060			1969	Lemon Tree Lane	slag from back			99	9459.2	<lod< td=""><td><lod< td=""><td>653</td></lod<></td></lod<>	<lod< td=""><td>653</td></lod<>	653
4286707.883	242602.832	R163	1971	Lemon Tree Lane	north side yard	surface	1	100	1060	<lod< td=""><td>585.2</td><td>654</td></lod<>	585.2	654
4286707.883	242602.832	R163	1971	Lemon Tree Lane	north side yard	6	2	101	1140	<lod< td=""><td><lod< td=""><td>655</td></lod<></td></lod<>	<lod< td=""><td>655</td></lod<>	655
4286707.883	242602.832	R163	1971	Lemon Tree Lane	north side yard	12	4	102	1240	<lod< td=""><td><lod< td=""><td>656</td></lod<></td></lod<>	<lod< td=""><td>656</td></lod<>	656
4286707.883	242602.832	R163	1971	Lemon Tree Lane	north side yard	24	5	103	952.8	<lod< td=""><td><lod< td=""><td>657</td></lod<></td></lod<>	<lod< td=""><td>657</td></lod<>	657
4286748.145	242684.503	R106	1976	Lemon Tree Lane	back	surface	1 1	118	44.8	<lod< td=""><td>1080</td><td>338</td></lod<>	1080	338
4286748.145	242684.503	R106	1976	Lemon Tree Lane	back	6	2	119	94.6	<lod< td=""><td>498.8</td><td>339</td></lod<>	498.8	339
4286748.145	242684.503	R106	1976	Lemon Tree Lane	back	12	4	120	62.1	<lod< td=""><td><lod< td=""><td>340</td></lod<></td></lod<>	<lod< td=""><td>340</td></lod<>	340
4286748.145	242684.503	R106	1976	Lemon Tree Lane	back	18		121	240,8	<lod< td=""><td><lod< td=""><td>341</td></lod<></td></lod<>	<lod< td=""><td>341</td></lod<>	341
4286763.961	242655.489	R107	1976	Lemon Tree Lane	front	surface	1	122	36	<lod< td=""><td><lod< td=""><td>342</td></lod<></td></lod<>	<lod< td=""><td>342</td></lod<>	342
4286763.961	242655.489	R107	1976	Lemon Tree Lane	front	6	2	123	38.4	<lod< td=""><td><lod< td=""><td>343</td></lod<></td></lod<>	<lod< td=""><td>343</td></lod<>	343
4286763.961	242655.489	R107	1976	Lemon Tree Lane	front	12	4	124	149	<lod< td=""><td><lod< td=""><td>344</td></lod<></td></lod<>	<lod< td=""><td>344</td></lod<>	344
4286763.961	242655.489	R107	1976	Lemon Tree Lane	front	24		125	232.8	<lod< td=""><td>354.2</td><td>345</td></lod<>	354.2	345
4286787.830	242612.685	R90	1977	Lemon Tree Lane	back	surface	1	22	242.8	<lod< td=""><td>315</td><td>249</td></lod<>	315	249
4286787.830	242612.685	R90	1977	Lemon Tree Lane	back	6	- 2	23	243.6	<lod< td=""><td><lod< td=""><td>250</td></lod<></td></lod<>	<lod< td=""><td>250</td></lod<>	250
4286787.830	242612.685	R90	1977	Lemon Tree Lane	back	12	4	24	51.2	<lod< td=""><td><lod< td=""><td>251</td></lod<></td></lod<>	<lod< td=""><td>251</td></lod<>	251
4286787.830	242612.685	R90	1977	Lemon Tree Lane	back	24		25	0	<lod< td=""><td><lod< td=""><td>252</td></lod<></td></lod<>	<lod< td=""><td>252</td></lod<>	252
4286778.228	242640.744	GP1	1977	Lemon Tree Lane	front	surface		26	100.6	<lod< td=""><td><lod< td=""><td>253</td></lod<></td></lod<>	<lod< td=""><td>253</td></lod<>	253
4286778.228			1977	Lemon Tree Lane	front	6	1		40.1	<lod< td=""><td>457.6</td><td>254</td></lod<>	457.6	254
4286778.228	242640.744	GP1	1977	Lemon Tree Lane	front	12		28	28.4	<lod< td=""><td><lod< td=""><td>255</td></lod<></td></lod<>	<lod< td=""><td>255</td></lod<>	255
4286778.228	242640.744	GP1	1977	Lemon Tree Lane	front	24			38	<lod< td=""><td><lod< td=""><td>256</td></lod<></td></lod<>	<lod< td=""><td>256</td></lod<>	256
4286778.228	242640.744	GP1	1977	Lemon Tree Lane	front	72	7:		29	<lod< td=""><td>0</td><td>257</td></lod<>	0	257

Table 2 St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1.2

Concnetrations shown in milligrams per killigram or parts per million

UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading	Lead	Arsenic	Chromium	Sort
4286778.228	1			Lemon Tree Lane	front	120	120	31	0	<lod< td=""><td>0</td><td>258</td></lod<>	0	258
4288778.228	242640.744	GP1	1977	Lemon Tree Lane	front	180	180	32	0	<lod< td=""><td>0</td><td>259</td></lod<>	0	259
4286778.228	242640.744	GP1	1977	Lemon Tree Lane	front	324	324	33	0	<lod< td=""><td>0</td><td>260</td></lod<>	0	260
4286811.681	242651.277	R108	1979	Lemon Tree Lane	front	surface	1	126	173.9	<lod< td=""><td>534.4</td><td>346</td></lod<>	534.4	346
4286811.681	242651.277	R108	1979	Lemon Tree Lane	front	6	2	127	233.2	<lod< td=""><td>331.8</td><td>347</td></lod<>	331.8	347
4286811.681	242651.277	R108	1979	Lemon Tree Lane	front	12	4	128	214.6	<lod< td=""><td><lod< td=""><td>348</td></lod<></td></lod<>	<lod< td=""><td>348</td></lod<>	348
4286811.681	242651.277	R108	1979	Lemon Tree Lane	front	20	5	129	2059.2	<lod< td=""><td><lod< td=""><td>349</td></lod<></td></lod<>	<lod< td=""><td>349</td></lod<>	349
4286826.97	242701.77	X114	1980	Lemon Tree Lane			1		41	1		492
4286807.72	242693.38	X115	1980	Lemon Tree Lane			1 1	1	60			493
4286822.53	242668.71	X116	1980	Lemon Tree Lane			1		180	i -		494
4286820.55	242623.81	X117	1981	Lemon Tree Lane	1		1]	1000	†- 	1	495
4286836.84	242623.31	X118	1981	Lemon Tree Lane] 1		1500			496
4286870.344	242696.430	R109	1982	Lemon Tree Lane	front	surface	1	130	37.4	<lod< td=""><td>398</td><td>350</td></lod<>	398	350
4286870.344	242696.430	R109	1982	Lemon Tree Lane	front	6	2	131	30	<lod< td=""><td><lod< td=""><td>351</td></lod<></td></lod<>	<lod< td=""><td>351</td></lod<>	351
4286870.344	242696.430	R109	1982	Lemon Tree Lane	front	12	4	132	45.2	<lod< td=""><td><lod< td=""><td>352</td></lod<></td></lod<>	<lod< td=""><td>352</td></lod<>	352
4286870.344	242696.430	R109	1982	Lemon Tree Lane	front	24	5	133	30	<lod< td=""><td><lod< td=""><td>353</td></lod<></td></lod<>	<lod< td=""><td>353</td></lod<>	353
4286885.89	242658.71	01849	1985	Lemon Tree Lane			1	- 1	959			517
4286907.47	242634.05	01848	1985	Lemon Tree Lane			1	1	75	1		518
4286889.986	242682.743	R164	1987	Lemon Tree Lane	front	surface	1	104	23.5	<lod< td=""><td><lod< td=""><td>658</td></lod<></td></lod<>	<lod< td=""><td>658</td></lod<>	658
4286889.986	242682.743	R164	1987	Lemon Tree Lane	front	6	2	105	28.7	<lod< td=""><td><lod< td=""><td>659</td></lod<></td></lod<>	<lod< td=""><td>659</td></lod<>	659
4286889.986	242682.743	R164	1987	Lemon Tree Lane	front	12	4	106	30	<lod< td=""><td><lod< td=""><td>660</td></lod<></td></lod<>	<lod< td=""><td>660</td></lod<>	660
4286889.986	242682.743	R164	1987	Lemon Tree Lane	front	24	5	107	188.7	<lod< td=""><td><lod< td=""><td>661</td></lod<></td></lod<>	<lod< td=""><td>661</td></lod<>	661
4286889.547	242685.868	R165	1987	Lemon Tree Lane	east side yard	surface	1	108	250.8	<lod< td=""><td><lod< td=""><td>662</td></lod<></td></lod<>	<lod< td=""><td>662</td></lod<>	662
4286889.547	242685.868	R165	1987	Lémon Tree Lane	east side yard	6	2	109	123.6	<lod< td=""><td><lod< td=""><td>663</td></lod<></td></lod<>	<lod< td=""><td>663</td></lod<>	663
4286889.547	242685.868	R165	1987	Lemon Tree Lane	east side yard	12	4	110	167.5	<lod< td=""><td><lod< td=""><td>664</td></lod<></td></lod<>	<lod< td=""><td>664</td></lod<>	664
4286889.547	242685.868	R165	1987	Lemon Tree Lane	east side yard	24	5	111	74.3	<lod< td=""><td><lod< td=""><td>665</td></lod<></td></lod<>	<lod< td=""><td>665</td></lod<>	665
4288919.344	242674.915	R166	1987	Lemon Tree Lane	back	surface	1	112	362	<lod< td=""><td><lod< td=""><td>666</td></lod<></td></lod<>	<lod< td=""><td>666</td></lod<>	666
4286919.344	242674.915	R166	1987	Lemon Tree Lane	back	6	2	113	512.4	<lod< td=""><td><lod< td=""><td>667</td></lod<></td></lod<>	<lod< td=""><td>667</td></lod<>	667
4286919.344	242674.915	R166	1987	Lemon Tree Lane	back	12	4	114	795.2	<lod< td=""><td><lod< td=""><td>666</td></lod<></td></lod<>	<lod< td=""><td>666</td></lod<>	666
4286919.344	242674.915	R166	1987	Lemon Tree Lane	back	24	-	115	34	<lod< td=""><td><lod< td=""><td>669</td></lod<></td></lod<>	<lod< td=""><td>669</td></lod<>	669
4286901.609	242764.647	R167	1988	Lemon Tree Lane	front	surface	1	119		<lod< td=""><td>911.2</td><td>670</td></lod<>	911.2	670
4286901.609	242764.647	R167	1988	Lemon Tree Lane	front	6	2	 	92.1	<lod< td=""><td><lod< td=""><td>671</td></lod<></td></lod<>	<lod< td=""><td>671</td></lod<>	671
4286901.609			1988	Lemon Tree Lane	front	12	1	121	105.7	<lod< td=""><td><lod< td=""><td>672</td></lod<></td></lod<>	<lod< td=""><td>672</td></lod<>	672
4286866.734	242783.615	R168	1988	Lemon Tree Lane	back	surface	1	122		<lod< td=""><td>2209.6</td><td>673</td></lod<>	2209.6	673

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs ^{1,2}
Concnetrations shown in milligrams per kiligram or parts per million

1 1 T 1 1 V	Sample	House	Chrook	Location in	Sample Depth	Depth -	XRF Reading				
				1							Sort
											674
											675
						5					676
				1		1					677
		1988	Lemon Tree Lane	back	6	2		245.8		720	678
242769.277	R170			west side yard	surface	1	128	65.2	<lod< td=""><td><lod< td=""><td>679</td></lod<></td></lod<>	<lod< td=""><td>679</td></lod<>	679
242769.277	R170	1994	Lemon Tree Lane	west side yard	6	2	129	28.6	<lod< td=""><td><lod< td=""><td>680</td></lod<></td></lod<>	<lod< td=""><td>680</td></lod<>	680
242769.277	R170	1994	Lemon Tree Lane	west side yard	12	4	130	30	<lod< td=""><td><lod< td=""><td>681</td></lod<></td></lod<>	<lod< td=""><td>681</td></lod<>	681
242769.277	R170	1994	Lemon Tree Lane	west side yard	24	5	131	23.8	<lod< td=""><td><lod< td=""><td>682</td></lod<></td></lod<>	<lod< td=""><td>682</td></lod<>	682
242791.140	R171	1994	Lemon Tree Lane	front	surface	1	132	75.9	<lod< td=""><td>738</td><td>683</td></lod<>	738	683
242791.140	R171	1994	Lemon Tree Lane	front	6	2	133	104.3	<lod< td=""><td><lod< td=""><td>684</td></lod<></td></lod<>	<lod< td=""><td>684</td></lod<>	684
242791.140	R171	1994	Lemon Tree Lane	front	12	4	134	90.7	<lod< td=""><td><lod< td=""><td>685</td></lod<></td></lod<>	<lod< td=""><td>685</td></lod<>	685
242791.140	R171	1994	Lemon Tree Lane	front	24	5	135	123.5	<lod< td=""><td><lod< td=""><td>686</td></lod<></td></lod<>	<lod< td=""><td>686</td></lod<>	686
242791.140	R171	1994	Lemon Tree Lane	front	slag chunk	2	136	5017.6	<lod< td=""><td><lod< td=""><td>687</td></lod<></td></lod<>	<lod< td=""><td>687</td></lod<>	687
242750.739	R61	1997	Lemon Tree Lane	front	1	1	395	30	<lod< td=""><td><lod< td=""><td>165</td></lod<></td></lod<>	<lod< td=""><td>165</td></lod<>	165
242750.739	R61	1997	Lemon Tree Lane	front	4	2	396	49	<lod< td=""><td><lod< td=""><td>166</td></lod<></td></lod<>	<lod< td=""><td>166</td></lod<>	166
242750.739	R61	1997	Lemon Tree Lane	front	18	5	397	233	<lod< td=""><td><lod< td=""><td>167</td></lod<></td></lod<>	<lod< td=""><td>167</td></lod<>	167
242750.739	R61	1997	Lemon Tree Lane	front	24	5	398	45	<lod< td=""><td><lod< td=""><td>168</td></lod<></td></lod<>	<lod< td=""><td>168</td></lod<>	168
243097.294	R174	1980	Maple Leaf Drive	front	surface	1	145	23.7	<lod< td=""><td>1109.6</td><td>696</td></lod<>	1109.6	696
243097.294	R174	1980	Maple Leaf Drive	front	6	2	146	27.4	<lod< td=""><td><lod< td=""><td>697</td></lod<></td></lod<>	<lod< td=""><td>697</td></lod<>	697
243097.294	R174	1980	Maple Leaf Drive	front	12	4	147	30	<lod< td=""><td><lod< td=""><td>698</td></lod<></td></lod<>	<lod< td=""><td>698</td></lod<>	698
243097.294	R174	1980	Maple Leaf Drive	front	24	5	148	30		<lod< td=""><td>699</td></lod<>	699
243128.364	R175	1980	Maple Leaf Drive	back	surface	1	149	31.7		<lod< td=""><td>700</td></lod<>	700
243128.364	R175	1980	Maple Leaf Drive	back	6	2	150				701
	-	}	· · · · · · · · · · · · · · · · · · ·	back		4					702
243128.364	R175	1980	Maple Leaf Drive	back		5				-	703
		1991	Maple Leaf Drive	back		1					704
		_		+	1						705
•		 		+		<u> </u>		-		+	706
			 							+	707
	 			+							708
		† 		 	 	 	 				709
		 		 							710
	-			+		 			+		711
	242783.615 242783.615 242788.686 242788.686 242769.277 242769.277 242769.277 242769.277 242791.140 242791.140 242791.140 242791.140 242791.79 242750.739 242894.837 242894.837 242894.837 242894.837	UTM-X Number 242783.615 R168 242783.615 R168 242788.686 R169 242769.277 R170 242769.277 R170 242769.277 R170 242769.277 R170 242769.277 R170 242791.140 R171 242894.837 R174 242894.837 R177 242894.837 R177 242894.837 R177	UTM-X Number No. 242783.615 R168 1988 242783.615 R168 1988 242783.615 R168 1988 242788.686 R169 1988 242769.277 R170 1994 242791.140 R171 1994 242750.739 R61 1997 242750.739 R61 1997 242750.739 R61 1997 243097.294 R174 1980 243097.294	UTM-X Number No. Street 242783.615 R168 1988 Lemon Tree Lane 242783.615 R168 1988 Lemon Tree Lane 242788.686 R169 1988 Lemon Tree Lane 242788.686 R169 1988 Lemon Tree Lane 242769.277 R170 1994 Lemon Tree Lane 242791.140 R171 19	UTM-X Number No. Street yard 242783.615 R168 1988 Lemon Tree Lane back 242783.615 R168 1988 Lemon Tree Lane back 242788.686 R169 1988 Lemon Tree Lane back 242788.686 R169 1988 Lemon Tree Lane west side yard 242769.277 R170 1994 Lemon Tree Lane west side yard 242769.277 R170 1994 Lemon Tree Lane west side yard 242769.277 R170 1994 Lemon Tree Lane west side yard 242769.277 R170 1994 Lemon Tree Lane west side yard 242769.277 R170 1994 Lemon Tree Lane west side yard 242769.277 R170 1994 Lemon Tree Lane front 242791.140 R171 1994 Lemon Tree Lane front 242791.140 R171 1994 Lemon Tree Lane front 242791.140 R171 1994 Lem	UTM-X Number No. Street yard (inches)	UTM-X Number No. Street yard (inches) Category	UTM-X Number No. Street yard (inches) Category Number 242783.615 R168 1988 Lemon Tree Lane back 6 2 123 242783.615 R168 1988 Lemon Tree Lane back 12 4 124 242783.615 R168 1988 Lemon Tree Lane back 24 5 125 242788.686 R169 1988 Lemon Tree Lane back Surface 1 126 242789.277 R170 1994 Lemon Tree Lane back 6 2 127 242769.277 R170 1994 Lemon Tree Lane west side yard 6 2 129 242769.277 R170 1994 Lemon Tree Lane west side yard 6 2 129 242769.277 R170 1994 Lemon Tree Lane west side yard 12 4 130 242769.277 R170 1994 Lemon Tree Lane west side yard 24 5 131 242791.140 R171 1994 Lemon Tree Lane west side yard 24 5 131 242791.140 R171 1994 Lemon Tree Lane front surface 1 132 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 242791.140 R171 1994 Lemon Tree Lane front 14 15 242750.739 R61 1997 Lemon Tree Lane front 14 2 396 242750.739 R61 1997 Lemon Tree Lane front 18 5 397 242750.739 R61 1997 Lemon Tree Lane front 18 5 397 242750.739 R61 1997 Lemon Tree Lane front 18 5 398 242750.739 R61 1997 Lemon Tree Lane front 12 4 146 243097.294 R174 1980 Maple Leaf Drive front 12 4 147 243097.294 R174 1980 Maple Leaf Drive front 12 4 147 243097.294 R174 1980 Maple Leaf Drive front 12 4 147 243128.364 R175 1980 Maple Leaf Drive back 24 5 158 242429.292 R176 1991 Maple Leaf Drive back 24 5 158 242429.292 R176 1991 Maple Leaf Drive back 24 5 158 242429.292 R176 1991 Mapl	UTM-X	UTM.X Number No. Street yard (inches) Category Number Lead Arsenic 242783.615 R168 1988 Lemon Tree Lane back 6 2 123 90.9 4.00 4.00 242783.615 R168 1988 Lemon Tree Lane back 12 4 124 77.2 4.00 242783.615 R168 1988 Lemon Tree Lane back 24 5 125 23.6 4.00 242788.686 R169 1988 Lemon Tree Lane back surface 1 126 146.9 4.00 4.2788.686 R169 1988 Lemon Tree Lane back 6 2 127 245.8 4.00 242789.886 R169 1988 Lemon Tree Lane back 6 2 127 245.8 4.00 242769.277 R170 1994 Lemon Tree Lane west side yard 8 2 129 28.6 4.00 242769.277 R170 1994 Lemon Tree Lane west side yard 6 2 129 28.6 4.00 242769.277 R170 1994 Lemon Tree Lane west side yard 12 4 130 30 4.00 242769.277 R170 1994 Lemon Tree Lane west side yard 12 4 130 30 4.00 242791.140 R171 1994 Lemon Tree Lane west side yard 24 5 131 23.8 4.00 242791.140 R171 1994 Lemon Tree Lane front surface 1 132 75.9 4.00 242791.140 R171 1994 Lemon Tree Lane front 24 134 90.7 4.00 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 90.7 4.00 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 90.7 4.00 242791.140 R171 1994 Lemon Tree Lane front 12 4 134 90.7 4.00 242790.739 R61 1997 Lemon Tree Lane front 12 4 134 90.7 4.00 242790.739 R61 1997 Lemon Tree Lane front 14 2 396 49 4.00 242790.739 R61 1997 Lemon Tree Lane front 18 5 397 233 4.00 242790.739 R61 1997 Lemon Tree Lane front 18 5 397 233 4.00 242790.739 R61 1997 Lemon Tree Lane front 24 5 396 49 4.00 242790.739 R61 1997 Lemon Tree Lane front 24 5 396 49 4.00 24290.739 R61 1997 Lemon Tree Lane front 12 4 147 30 4.00 4.00 24290.739 R61 1997 Lemon Tree	UTM.X Number No. Street yard (inches) Category Number Lead Arsenic Chromium

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

Concnetrations shown in milligrams per killigram or parts per million

	1)	1			ı'	. ` `	1				_
UTM - Y	UTM-X	Sample Number	House No	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4287132.072	242860.736	R178	2003	Maple Leaf Drive	back	surface	1	161	22.9	18.6	630.8	71
4287132.072	242860.736	R178	2003	Maple Leaf Drive	back	6	2	162	38.5	<lod< td=""><td><lod< td=""><td>71:</td></lod<></td></lod<>	<lod< td=""><td>71:</td></lod<>	71:
4287132.072	242880.738	R178	2003	Maple Leaf Drive	back	12	4	183	22.2	<lod< td=""><td><lod< td=""><td>71</td></lod<></td></lod<>	<lod< td=""><td>71</td></lod<>	71
4287132.072	242860.738	R178	2003	Maple Leaf Drive	back	24	5	164	57.4	<lod< td=""><td><lod< td=""><td>71</td></lod<></td></lod<>	<lod< td=""><td>71</td></lod<>	71
4287248.806	242846.294	R227	2009	Maple Leaf Drive	front	surface	1	9	127.9	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4287248.806	242846.294	R227	2009	Maple Leaf Drive	front	6	2	10	452.8	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4287248.806	242846.294	R227	2009	Maple Leaf Drive	front	12	4	11	77.2	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4287248.806	242848.294	R227	2009	Maple Leaf Orive	front	24	5	12	211.8	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4287239.001	242817.055	R228	2009	Maple Leaf Drive	back	surface	1	13	30	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4287239.001	242817.055	R228	2009	Maple Leaf Drive	back	6	2	14	30	<lod< td=""><td>807.6</td><td>90</td></lod<>	807.6	90
4287239.001	242817.055	R228	2009	Maple Leaf Drive	back	12	4	15	30	<lod< td=""><td><lod< td=""><td>90</td></lod<></td></lod<>	<lod< td=""><td>90</td></lod<>	90
4287239.001	242817 055	R228	2009	Maple Leaf Drive	back	24	5	16	30	<lod< td=""><td>844</td><td>90</td></lod<>	844	90
4287478.728	242779 965	R180	2025	Maple Leaf Drive	front, N of drive	surface	1	170	123.4	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287478.728	242779 965	R180	2025	Maple Leaf Drive	front, N of drive	6	2	171	124.3	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287478.728	242779.965	R180	2025	Maple Leaf Drive	ront, N of drive	12	1	172	55.3	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287478.728	242779.965	R180	2025	Maple Leaf Orive	front, N of drive	24		173	86.2	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287467.188	242788.840	R181	2025	Maple Leaf Drive	front, S of drive	surface	1 1	174	76.2	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287467.188	242788.840	R181	2025	Maple Leaf Drive	front, S of drive	6	2	175	82.2	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287467.188	242788.840	R181	2025	Maple Leaf Drive	front, S of drive	12		176	66.1	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287467.188	242788.840	R181	2025	Maple Leaf Drive	front, S of drive	24	5	177	48.6	<lod< td=""><td>2948.8</td><td>7</td></lod<>	2948.8	7
4286828.471	243163.468	R182	10	Oak Leaf Circle	front	surface	1	178	43.5	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4286828.471	243163.468	R182	10	Oak Leaf Circle	front	6	2	179	26.9	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4286828.471	243163.468	R182	10	Oak Leaf Circle	front	12	[4	180	32.6	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4286828.471	243163.468	R182	10	Oak Leaf Circle	front	24	1	181	27.1	<lod< td=""><td>712.8</td><td>7</td></lod<>	712.8	7
4288761.660	243190.943	R183	12	Oak Leaf Circle	east side yard	surface	1	182	30	<lod< td=""><td>754.4</td><td>7</td></lod<>	754.4	7
4286761.660	243190.943	R183	12	Oak Leaf Circle	east side yard	8		183	30	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4286761.660	243190.943	R183	12	Oak Leaf Circle	east side yard	12	-	184	37.8	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4286761.660	243190.943	R183	12	Oak Leaf Circle	east side yard	24	(185	21.6	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4287132.210	242745.774	R130	707	Peachtree Trail	front	surface		77	23.8	<lod< td=""><td>223.8</td><td>4</td></lod<>	223.8	4
4287132.210	242745.774	R130	707	Peachtree Trail	front	6	2	78	35.7	<lod< td=""><td>294.6</td><td>14</td></lod<>	294.6	14
4287132.210	242745.774	R130	707	Peachtree Trail	front	12	4	79	28.6	<lod< td=""><td><lod< td=""><td>4</td></lod<></td></lod<>	<lod< td=""><td>4</td></lod<>	4
4287132.210	242745.774	R130	707	Peachtree Trail	front	24			0	<lod< td=""><td>367.4</td><td>1</td></lod<>	367.4	1
4287120.230	242841.065	R179	710	Peachtree Trail	back	surface	-	165	45.7	<lod< td=""><td>510.4</td><td>7</td></lod<>	510.4	7
4287120.230	242841.065	R179	710	Peachtree Trail	back	6		166	60.1	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1.2
Concnetrations shown in milligrams per kiligram or parts per million

	,											
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
	 			Peachtree Trail	back	12	Oategory 4	167	34.7	<lod< td=""><td><lod< td=""><td>718</td></lod<></td></lod<>	<lod< td=""><td>718</td></lod<>	718
4287120.230				Peachtree Trail		24	5		92	····	<lod <lod< td=""><td>719</td></lod<></lod 	719
4287120.230					back		1			<lod< td=""><td></td><td>+</td></lod<>		+
4287055.310				Peachtree Trail	front	surface	<u>·</u>	391	. 30	<lod< td=""><td><lod< td=""><td>161</td></lod<></td></lod<>	<lod< td=""><td>161</td></lod<>	161
4287055.310				Peachtree Trail	front	6	2		30	<lod< td=""><td><lod< td=""><td>162</td></lod<></td></lod<>	<lod< td=""><td>162</td></lod<>	162
4287055.310				Peachtree Trail	front	16	4	393	37	<lod< td=""><td>0</td><td>163</td></lod<>	0	163
4287055.310				Peachtree Trail	front	24	5	394	0	<lod< td=""><td><lod< td=""><td>164</td></lod<></td></lod<>	<lod< td=""><td>164</td></lod<>	164
4287147.97	242892.76			Peachtree Trail			1		9			500
4286624.26	242883.88	X123	1903	Peachtree Trail			1		4700		<u> </u>	501
4286629.69	242898.68	X124	1903	Peachtree Trail			<u> </u>	ļ	140			502
4286654.85	242914.96	X125	1903	Peachtree Trail		1	1		20			503
4286599.031	242365.690	R98	3	Pine Lake Drive	back	surface	1	83	510	<lod< td=""><td>1120</td><td>304</td></lod<>	1120	304
4286599.031	242365.690	R98	3	Pine Lake Drive	back	6	2	84	88.4	<lod< td=""><td><lod< td=""><td>305</td></lod<></td></lod<>	<lod< td=""><td>305</td></lod<>	305
4286599.031	242365.690	R98	3	Pine Lake Drive	back	12	4	85	125.3	<lod< td=""><td><lod< td=""><td>306</td></lod<></td></lod<>	<lod< td=""><td>306</td></lod<>	306
4286599.031	242365.690	R98	3	Pine Lake Drive	back	24	5	86	189.6	<lod< td=""><td><lod< td=""><td>307</td></lod<></td></lod<>	<lod< td=""><td>307</td></lod<>	307
4286644.804	242408.982	R24	4	Pine Lake Drive	back	surface	1	279	8198.4	394	<lod< td=""><td>64</td></lod<>	64
4286644.804	242408.982	R24	4	Pine Lake Drive	back	1 - 3	1	280	3657.6	131.6	<lod< td=""><td>65</td></lod<>	65
4286644.804	242408.982	R24	4	Pine Lake Drive	back	4	2	281	8768	568.8	<lod< td=""><td>66</td></lod<>	66
4286644.804	242408.982	R24	4	Pine Lake Drive	back	8	3	282	3888	150	<lod< td=""><td>67</td></lod<>	67
4286644.804	242408.982	R24	4	Pine Lake Drive	back	20	5	283	144	<lod< td=""><td><lod< td=""><td>68</td></lod<></td></lod<>	<lod< td=""><td>68</td></lod<>	68
4286638.038	242435.149	R25	4	Pine Lake Drive	back	surface	1	284	2419.2	<lod< td=""><td><lod< td=""><td>69</td></lod<></td></lod<>	<lod< td=""><td>69</td></lod<>	69
4286638.038	242435.149	R25	4	Pine Lake Drive	back	4	2	285	2609.6	129.2	<lod< td=""><td>70</td></lod<>	70
4286638.038	242435.149	R25	4	Pine Lake Drive	back	8	3	286	1289.6	84	<lod< td=""><td>71</td></lod<>	71
4286638.038	242435.149	R25	4	Pine Lake Drive	back	24	5	287	250	<lod< td=""><td><lod< td=""><td>72</td></lod<></td></lod<>	<lod< td=""><td>72</td></lod<>	72
4286641.979	242360.570	R26	4	Pine Lake Drive	front	surface	1	288	210.6	<lod< td=""><td><lod< td=""><td>73</td></lod<></td></lod<>	<lod< td=""><td>73</td></lod<>	73
4286641.979	242360.570	R26	4	Pine Lake Drive	front	4	2	289	288.4	<lod< td=""><td><lod< td=""><td>74</td></lod<></td></lod<>	<lod< td=""><td>74</td></lod<>	74
4286641.979	242360.570	R26	4	Pine Lake Drive	front	8	3	290	540.8	<lod< td=""><td><lod< td=""><td>75</td></lod<></td></lod<>	<lod< td=""><td>75</td></lod<>	75
4286641.979	242360.570	R26	4	Pine Lake Drive	front	16	4	291	35	<lod< td=""><td>0</td><td>76</td></lod<>	0	76
4286672.448	242379.271	R6	5	Pine Lake Drive	front	2		230	218.2	<lod< td=""><td>380.2</td><td>15</td></lod<>	380.2	15
4286672.448	242379.271	R6	5	Pine Lake Drive	front	5	2	231	242	<lod< td=""><td>302</td><td>16</td></lod<>	302	16
4286672.448	242379.271	R6	5	Pine Lake Drive	front	7	3	232	291.8	<lod< td=""><td>595.2</td><td>17</td></lod<>	595.2	17
4286672.448	242379.271	R6	5	Pine Lake Drive	front	8	3	233	333	<lod< td=""><td>760.4</td><td>18</td></lod<>	760.4	18
4286672.448	242379.271	R6	5	Pine Lake Drive	front	30	30	234	333	<lod< td=""><td>379</td><td>19</td></lod<>	379	19
4286670.763	242452.397	R7	5	Pine Lake Drive	back	surface		235	327	40.8	826.4	20
4286670.763	242452.397	' R7	5	Pine Lake Drive	back	4		2 236	154.5	<lod< td=""><td>389.6</td><td>21</td></lod<>	389.6	21

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per kiligram or parts per million

1		1	1		1 -3	, · · · · · · · · · · · · · · · · · · ·	- ' '	T			T	
UTM - Y	UTM-X	Sample Number	House No	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenio	Chromlum	Sort
4286670.763	242452.397	R7	5	Pine Lake Drive	back	8	3	237	5968	<lod_< td=""><td>1249.6</td><td>22</td></lod_<>	1249.6	22
4286686.865	242453.923	R8	5	Pine Lake Drive	back	surface	1	238	2329.6	<lod_< td=""><td>560.4</td><td>23</td></lod_<>	560.4	23
4286696 347	242457.496	R9	6	Pine Lake Drive	back	surface	1	239	833.6	<lod_< td=""><td>477.2</td><td>24</td></lod_<>	477.2	24
4286696.347	242457.498	R9	6	Pine Lake Drive	back	4	2	240	9318.4	307.6_	621.2	25
4286696.347	242457.496	R9	6	Pine Lake Drive	back	4	2	242	13388.8	718.8	<lod< td=""><td>26</td></lod<>	26
4286696.347	242457.498	R9	6	Pine Lake Drive	back	12	4	241	226.2	<lod< td=""><td>674</td><td>27</td></lod<>	674	27
4288699.102	242435.346	R10	6	Pine Lake Drive	front	surface	1	243	3228.8	<lod< td=""><td>728.4</td><td>28</td></lod<>	728.4	28
4286729.592	242414.560	R11	6	Pine Lake Drive	front	2	1	244	382.4	<lod< td=""><td>472.8</td><td>29</td></lod<>	472.8	29
4286729.592	242414.560	R11	6	Pine Lake Drive	front	4 -	2	245	114.5	<lod< td=""><td>666.4</td><td>30</td></lod<>	666.4	30
4286882.971	242350.457	R104	11	Pine Lake Drive	front	surface	1	109	140.4	<lod< td=""><td><lod< td=""><td>330</td></lod<></td></lod<>	<lod< td=""><td>330</td></lod<>	330
4286882.971	242350.457	R104	11	Pine Lake Drive	front	6	2	110	331	<lod< td=""><td>340.6</td><td>331</td></lod<>	340.6	331
4286882.971	242350.457	R104	11	Pine Lake Drive	front	12	4	111	103.8	<lod< td=""><td><lod< td=""><td>332</td></lod<></td></lod<>	<lod< td=""><td>332</td></lod<>	332
4286882.971	242350.457	R104	11	Pine Lake Drive	front	24	5	112	55.5	<lod< td=""><td><lod< td=""><td>333</td></lod<></td></lod<>	<lod< td=""><td>333</td></lod<>	333
4286893.353	242444.540	R18	13	Pine Lake Drive	front	1	1	261	458.4	<lod< td=""><td><lod< td=""><td>46</td></lod<></td></lod<>	<lod< td=""><td>46</td></lod<>	46
4286893.353	242444.540	R18	13	Pine Lake Drive	front	4	2	262	512.4	<lod< td=""><td><lod< td=""><td>47</td></lod<></td></lod<>	<lod< td=""><td>47</td></lod<>	47
4286893.353	i	R18	13	Pine Lake Drive	front	8	3	263	318.8	<lod< td=""><td>281.2</td><td>48</td></lod<>	281.2	48
4286896.830	242419.749	R19	13	Pine Lake Drive	back	surface	1	264	670	<lod< td=""><td><lod< td=""><td>46</td></lod<></td></lod<>	<lod< td=""><td>46</td></lod<>	46
4286896.830	242419.749	R19	13	Pine Lake Drive	back	4	2	265	854.4	<lod< td=""><td><lod< td=""><td>50</td></lod<></td></lod<>	<lod< td=""><td>50</td></lod<>	50
4286896.830	242419.749	R19	13	Pine Lake Drive	back	8	3	268	460.8	<lod< td=""><td><lod< td=""><td>51</td></lod<></td></lod<>	<lod< td=""><td>51</td></lod<>	51
4288953.26			17	Pine Lake Drive	front	surface	1	198	1009.6	73	<lod< td=""><td>746</td></lod<>	746
4286953.26	242472.83	R187	17	Pine Lake Drive	front	6	1 2	199	1200	<lod< td=""><td><lod< td=""><td>749</td></lod<></td></lod<>	<lod< td=""><td>749</td></lod<>	749
4286953.26	I	1		Pine Lake Drive	front	12		200	230.2	<lod< td=""><td><lod< td=""><td>750</td></lod<></td></lod<>	<lod< td=""><td>750</td></lod<>	750
4286953.26		B .	17	Pine Lake Drive	front	24	1 .	201	341.8	<lod< td=""><td><lod< td=""><td>751</td></lod<></td></lod<>	<lod< td=""><td>751</td></lod<>	751
4287016.202	J			Pine Lake Drive	back	surface		105	58.8	<lod< td=""><td><lod< td=""><td>320</td></lod<></td></lod<>	<lod< td=""><td>320</td></lod<>	320
4287016.202	242419.673	R103	18	Pine Lake Drive	back	6	1 2	106	38.9	<lod< td=""><td>275</td><td>327</td></lod<>	275	327
4287016.202	1		1	Pine Lake Orive	back	12	1	107	30	<lod< td=""><td><lod< td=""><td>326</td></lod<></td></lod<>	<lod< td=""><td>326</td></lod<>	326
4287016.202	ſ	f	1-	Pine Lake Drive	back	24	1 .	108	30	<lod< td=""><td>727.2</td><td>329</td></lod<>	727.2	329
4286990.757	242329.519	ľ	ł	Pine Lake Drive	front	2	1	249	151.8	<lod td="" ■<=""><td><lod< td=""><td>34</td></lod<></td></lod>	<lod< td=""><td>34</td></lod<>	34
4286990.757		1		Pine Lake Drive	front	4	<u> </u>	250	165	<lod< td=""><td>345</td><td>36</td></lod<>	345	36
4286996.046		•	I .	Pine Lake Drive	front	3	 	2 251	69.5	<lod< td=""><td><lod< td=""><td>30</td></lod<></td></lod<>	<lod< td=""><td>30</td></lod<>	30
4286927.111		· ·	 	Pine Lake Drive	front	surface		248	62.5	<lod< td=""><td><lod< td=""><td>3.</td></lod<></td></lod<>	<lod< td=""><td>3.</td></lod<>	3.
4286927.111			 	Pine Lake Drive	front	4		247	89.8	<lod< td=""><td><lod< td=""><td>3</td></lod<></td></lod<>	<lod< td=""><td>3</td></lod<>	3
4286927.111	 			Pine Lake Drive	front	6	†	248	31	<lod< td=""><td><lod< td=""><td>3</td></lod<></td></lod<>	<lod< td=""><td>3</td></lod<>	3
4286891.419				Pine Lake Drive	back	1	 	252		<lod< td=""><td><lod< td=""><td>3</td></lod<></td></lod<>	<lod< td=""><td>3</td></lod<>	3

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Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

Concnetrations shown in milligrams per kiligram or parts per million

	·											
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286891.419	242297.054			Pine Lake Drive	back	4	2		387	<lod< td=""><td><lod< td=""><td>38</td></lod<></td></lod<>	<lod< td=""><td>38</td></lod<>	38
4286891.419				Pine Lake Drive	back	8	3	 	461.2	<lod< td=""><td><lod <lod< td=""><td>39</td></lod<></lod </td></lod<>	<lod <lod< td=""><td>39</td></lod<></lod 	39
4286869.305	242268.643			Pine Lake Drive	back	1	1	255	83.6	<lod< td=""><td><lod< td=""><td>40</td></lod<></td></lod<>	<lod< td=""><td>40</td></lod<>	40
4286869.305	242268.643			Pine Lake Drive	back	4	2	 	94.6	<lod< td=""><td>663.6</td><td>41</td></lod<>	663.6	41
4286856.113	242285.159			Pine Lake Drive	back	surface	1	257	1400	<lod< td=""><td><lod< td=""><td>42</td></lod<></td></lod<>	<lod< td=""><td>42</td></lod<>	42
4286856.113	242285.159			Pine Lake Drive	back	4	2	258	692.4	<lod <lod< td=""><td><lod <lod< td=""><td>43</td></lod<></lod </td></lod<></lod 	<lod <lod< td=""><td>43</td></lod<></lod 	43
4286856.113	242285.159			Pine Lake Drive	back	8	3		915.2	<lod< td=""><td><lod< td=""><td>44</td></lod<></td></lod<>	<lod< td=""><td>44</td></lod<>	44
	242285.159			Pine Lake Drive	back	10	3		577.2	<lod< td=""><td></td><td>45</td></lod<>		45
4286856.113				Pine Lake Road	front	2	1	267	182	<lod <lod< td=""><td><lod< td=""><td>52</td></lod<></td></lod<></lod 	<lod< td=""><td>52</td></lod<>	52
4286879.906				Pine Lake Road	front	4	2		184.2	<lod <lod< td=""><td><lod< td=""><td>53</td></lod<></td></lod<></lod 	<lod< td=""><td>53</td></lod<>	53
4286879.906			<u>-</u>	Pine Lake Road	back	surface	1	269	824		<lod< td=""><td></td></lod<>	
4286891.592		 		Pine Lake Road		4	<u> </u>			<lod< td=""><td><lod< td=""><td>54</td></lod<></td></lod<>	<lod< td=""><td>54</td></lod<>	54
4286891.592			 	Pine Lake Road	back back	8	3		1060	<lod< td=""><td><lod< td=""><td>55</td></lod<></td></lod<>	<lod< td=""><td>55</td></lod<>	55
4286891.592		 		Pine Lake Road		12	4		432	<lod< td=""><td><lod< td=""><td>56</td></lod<></td></lod<>	<lod< td=""><td>56</td></lod<>	56
4286891.592			 		back	14	4	273	1029.6	<lod< td=""><td><lod< td=""><td>57</td></lod<></td></lod<>	<lod< td=""><td>57</td></lod<>	57
4286891.592	 			Pine Lake Road	back		4	272	1250	<lod< td=""><td>0</td><td>58</td></lod<>	0	58
4286613.866			 	Pine Lake Road	back	surface	1	34	5600	<lod< td=""><td><lod< td=""><td>261</td></lod<></td></lod<>	<lod< td=""><td>261</td></lod<>	261
4286613.866		 		Pine Lake Road	back	6	2		8064	400.8	<lod< td=""><td>262</td></lod<>	262
4286613.866				Pine Lake Road	back	12	4	36	1859.2	<lod< td=""><td><lod< td=""><td>263</td></lod<></td></lod<>	<lod< td=""><td>263</td></lod<>	263
4286613.866			102		back	24	5	37	173.3	<lod< td=""><td><lod< td=""><td>264</td></lod<></td></lod<>	<lod< td=""><td>264</td></lod<>	264
4286591.923			102		side	surface	1 1	38	4438.4	335.8	<lod< td=""><td>265</td></lod<>	265
4286591.923				Pine Lake Road	side	6	2		10099.2	457.2	<lod< td=""><td>266</td></lod<>	266
4286591.923			102	Pine Lake Road	side	12	4	40	8096	<lod< td=""><td><lod< td=""><td>267</td></lod<></td></lod<>	<lod< td=""><td>267</td></lod<>	267
4286591.923			102	Pine Lake Road	side	24	5		4000	<lod< td=""><td><lod< td=""><td>268</td></lod<></td></lod<>	<lod< td=""><td>268</td></lod<>	268
4286591.923	242435.901	GP2	102	Pine Lake Road	side	42	42		46	<lod< td=""><td>0</td><td>269</td></lod<>	0	269
4286591.923	242435.901	GP2	102	Pine Lake Road	side	72	72	43	53	<lod< td=""><td>0</td><td>270</td></lod<>	0	270
4286591.923	242435.901	GP2	102	Pine Lake Road	side	120	120	44	65	<lod< td=""><td>0</td><td>271</td></lod<>	0	271
4286591.923	242435.901	GP2	102	Pine Lake Road	side	168	168	45	26	<lod< td=""><td>0</td><td>272</td></lod<>	0	272
4286591.923	242435.901	GP2	102	Pine Lake Road	side	216	216	46	18	<lod< td=""><td>0</td><td>273</td></lod<>	0	273
4286591.923	242435.901	GP2	102	Pine Lake Road	side	264	264	47	0	<lod< td=""><td>0</td><td>274</td></lod<>	0	274
4286658.881	242192.211	R99	210	Pine Lake Road	front	surface		87	162	<lod< td=""><td><lod< td=""><td>308</td></lod<></td></lod<>	<lod< td=""><td>308</td></lod<>	308
4286658.881	242192.211	R99	210	Pine Lake Road	front	6	2	2 88	237	<lod< td=""><td>231.8</td><td>309</td></lod<>	231.8	309
4286658.881	242192.211	R99	210	Pine Lake Road	front	12		89	261.8	<lod< td=""><td><lod< td=""><td>310</td></lod<></td></lod<>	<lod< td=""><td>310</td></lod<>	310
4286658.881	242192.211	R99	210	Pine Lake Road	front	24		90	82	<lod< td=""><td><lod< td=""><td>311</td></lod<></td></lod<>	<lod< td=""><td>311</td></lod<>	311
4286658.881	242192.211	R99	210	Pine Lake Road	front	12, X109	4	91	429.2	<lod< td=""><td><lod< td=""><td>312</td></lod<></td></lod<>	<lod< td=""><td>312</td></lod<>	312

Table 2 St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1.2

Concnetrations shown in milligrams per kiligram or parts per million

UTM - Y	UTM-X	Sample Number	House No	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromlum	Sort
4286721.181	242216 307	R100	210	Pine Lake Road	back	surface	1	92	478	<lod< td=""><td><l00< td=""><td>313</td></l00<></td></lod<>	<l00< td=""><td>313</td></l00<>	313
4286721.181	242216.307	R100	210	Pine Lake Road	back	6	2	93	265.8	<100	<lod< td=""><td>314</td></lod<>	314
4286721.181	242216 307	R100	210	Pine Lake Road	back	12	4	94	45.9	<lod< td=""><td><lod< td=""><td>315</td></lod<></td></lod<>	<lod< td=""><td>315</td></lod<>	315
4286721.181	242216.307	R100	210	Pine Lake Road	back	24	5	95	71.4	<rbox< r=""></rbox<>	<lod< td=""><td>316</td></lod<>	316
4286714.820	242215.970		210	Pine Lake Road	drivewsy	4	2	96	187.6	<fod< td=""><td>762.4</td><td>317</td></fod<>	762.4	317
4286807.051	242195.421	R3	211	Pine Lake Road	front	surface	1	222	1000	<lod< td=""><td><lod< td=""><td>7</td></lod<></td></lod<>	<lod< td=""><td>7</td></lod<>	7
4286607 051	242195.421	R3	211	Pine Lake Road	front	4	2	223	540	<lod< td=""><td><lod< td=""><td>8</td></lod<></td></lod<>	<lod< td=""><td>8</td></lod<>	8
4286607.051	242195.421	R3	211	Pine Lake Road	front	6	2	224	162.4	<lod< td=""><td><lod< td=""><td>9</td></lod<></td></lod<>	<lod< td=""><td>9</td></lod<>	9
4286550.107	242177.348	R4	211	Pine Lake Road	back	surface	1	225	1160	144.1	<lod< td=""><td>10</td></lod<>	10
4286550.107	242177.348	R4	211	Pine Lake Road	back	4	2	226	960.8	76	<lod< td=""><td>11</td></lod<>	11
4288550.107	242177.348	R4	211	Pine Lake Road	back	6	2	227	229.6	<lod< td=""><td><lod< td=""><td>12</td></lod<></td></lod<>	<lod< td=""><td>12</td></lod<>	12
4286549.928	242201.657	R5	211	Pine Lake Road	back	surface	1	228	211.2	<lod< td=""><td>566.8</td><td>13</td></lod<>	566.8	13
4286549.928	242201.657	R5	211	Pine Lake Road	back	4	2	229	221.8	<lod< td=""><td>595.6</td><td>14</td></lod<>	595.6	14
4286600.282	242161.842	R101	213	Pine Lake Road	front	surface	1	97	745.6	<lod< td=""><td><lod< td=""><td>318</td></lod<></td></lod<>	<lod< td=""><td>318</td></lod<>	318
4286600.282	242161.842	R101	213	Pine Lake Road	front	6		98	1100	<lod< td=""><td><lod< td=""><td>319</td></lod<></td></lod<>	<lod< td=""><td>319</td></lod<>	319
4286600.282	242161.842	R101	213	Pine Lake Road	front	12	4	90	129	<lod< td=""><td><lod< td=""><td>320</td></lod<></td></lod<>	<lod< td=""><td>320</td></lod<>	320
4286600.282	242161.842	R101	213	Pine Lake Road	front	24		100	30	<lod< td=""><td>617.2</td><td>321</td></lod<>	617.2	321
4286552.192	242144.497	R102	213	Pine Lake Road	back	surface	1	101	52	<lod< td=""><td><lod< td=""><td>322</td></lod<></td></lod<>	<lod< td=""><td>322</td></lod<>	322
4286552.192	242144.497	R102	213	Pine Lake Road	back	6	3	102	54.7	<lod< td=""><td><lod< td=""><td>323</td></lod<></td></lod<>	<lod< td=""><td>323</td></lod<>	323
4286552.192	242144.497	R102	213	Pine Lake Road	back	12	4	103	375.4	<lod< td=""><td><lod< td=""><td>324</td></lod<></td></lod<>	<lod< td=""><td>324</td></lod<>	324
4286552.192	242144.497	R102	213	Pine Lake Road	back	24		104	148.5	<lod< td=""><td><lod< td=""><td>326</td></lod<></td></lod<>	<lod< td=""><td>326</td></lod<>	326
4286829.972	242234.384	R22	214	Pine Lake Road	front	surace	-	274	174.4	<lod< td=""><td><lod< td=""><td>59</td></lod<></td></lod<>	<lod< td=""><td>59</td></lod<>	59
4286829.972	242234.384	R22	214	Pine Lake Road	front	4		275	204.1	<lod< td=""><td><lod< td=""><td>60</td></lod<></td></lod<>	<lod< td=""><td>60</td></lod<>	60
4286829.972	242234.384	R22	214	Pine Lake Road	front	8	-;	276	268.6	<lod< td=""><td><lod< td=""><td>61</td></lod<></td></lod<>	<lod< td=""><td>61</td></lod<>	61
4286803.875	242229.803	R23	214	Pine Lake Road	side	surface	į -	277	151.4	<lod< td=""><td><lod< td=""><td>62</td></lod<></td></lod<>	<lod< td=""><td>62</td></lod<>	62
4286803.875	242229.803	R23	214	Pine Lake Road	side	4		278	190.8	<lod< td=""><td><lod< td=""><td>63</td></lod<></td></lod<>	<lod< td=""><td>63</td></lod<>	63
4286553.473	242106.204	R1	215	Pine Lake Road	back	surface		216	331.8	<lod< td=""><td><lod< td=""><td>1</td></lod<></td></lod<>	<lod< td=""><td>1</td></lod<>	1
4286553.473	242106.204	R1	215	Pine Lake Road	back	4		217	517.2	<lod< td=""><td><lod< td=""><td>2</td></lod<></td></lod<>	<lod< td=""><td>2</td></lod<>	2
4286553.473	242106.204	R1	215	Pine Lake Road	back	6	-	2 218	496	<lod< td=""><td><lod< td=""><td>3</td></lod<></td></lod<>	<lod< td=""><td>3</td></lod<>	3
4286553.473	242106.204	R1	215	Pine Lake Road	back	10		219	445.6	<lod< td=""><td><lod< td=""><td>1</td></lod<></td></lod<>	<lod< td=""><td>1</td></lod<>	1
4286543.869	242127.789	R2	215	Pine Lake Road	back	surface		1 220	324.6	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286543.869	242127.789	R2	215	Pine Lake Road	back	8		3 221	281.2	<lod< td=""><td><lod< td=""><td>1</td></lod<></td></lod<>	<lod< td=""><td>1</td></lod<>	1
4286717.974	242078.535	R184	222	Pine Lake Road	front	surface		1 186	1979.2	<lod< td=""><td><lod< td=""><td>736</td></lod<></td></lod<>	<lod< td=""><td>736</td></lod<>	736
4286717.974	242078.535	R184	222	Pine Lake Road	front	6		2 187	2148.8	<lod< td=""><td><lod< td=""><td>737</td></lod<></td></lod<>	<lod< td=""><td>737</td></lod<>	737

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1,2

Concnetrations shown in milligrams per kiligram or parts per million

						P 01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- F					
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286717.974	242078.535			Pine Lake Road	front	12	4	188	750	<lod< td=""><td><lod< td=""><td>738</td></lod<></td></lod<>	<lod< td=""><td>738</td></lod<>	738
4286717.974	242078.535			Pine Lake Road	front	24	5	189	151.6	28.2	<lod< td=""><td>739</td></lod<>	739
4286755.725				Pine Lake Road	east side yard	surface	1	190	200.2	<lod< td=""><td>754.4</td><td>740</td></lod<>	754.4	740
4286755.725				Pine Lake Road	east side yard	6	2	191	374.2	<lod< td=""><td><lod< td=""><td>741</td></lod<></td></lod<>	<lod< td=""><td>741</td></lod<>	741
4286755.725			 	Pine Lake Road	east side yard		4	192	174.7	<lod< td=""><td><lod< td=""><td>742</td></lod<></td></lod<>	<lod< td=""><td>742</td></lod<>	742
4286755.725				Pine Lake Road	east side yard		5	193	42.6	<lod< td=""><td><lod< td=""><td>743</td></lod<></td></lod<>	<lod< td=""><td>743</td></lod<>	743
4286831.562				Pine Lake Road	back	surface	1	194	238.8	<lod< td=""><td><lod< td=""><td>744</td></lod<></td></lod<>	<lod< td=""><td>744</td></lod<>	744
4286831.562				Pine Lake Road	back	6	2	195	286	<lod< td=""><td><lod< td=""><td>745</td></lod<></td></lod<>	<lod< td=""><td>745</td></lod<>	745
4286831.562				Pine Lake Road	back	12	4	196	84.5	<lod< td=""><td><lod< td=""><td>746</td></lod<></td></lod<>	<lod< td=""><td>746</td></lod<>	746
4286831.562			222	Pine Lake Road	back	24	5		48.7	<lod< td=""><td><lod< td=""><td>747</td></lod<></td></lod<>	<lod< td=""><td>747</td></lod<>	747
4286545.113			 	Pine Lake Road	front	surface	1	10	714	<lod< td=""><td><lod< td=""><td>461</td></lod<></td></lod<>	<lod< td=""><td>461</td></lod<>	461
4286545.113		R137	1002	Pine Lake Road	front	6	2	1	2859.2	<lod< td=""><td><lod< td=""><td>462</td></lod<></td></lod<>	<lod< td=""><td>462</td></lod<>	462
4286545.113	· · · · · · · · · · · · · · · · · · ·	R137	1002	Pine Lake Road	front	12	4	12	1840	<lod< td=""><td><lod< td=""><td>463</td></lod<></td></lod<>	<lod< td=""><td>463</td></lod<>	463
4286545.113	 	R137	1002	Pine Lake Road	front	24	5	14	476.8	<lod< td=""><td>739.6</td><td>464</td></lod<>	739.6	464
4286519.345			1002	Pine Lake Road	back	surface	1	15	1189.6	<lod< td=""><td><lod< td=""><td>465</td></lod<></td></lod<>	<lod< td=""><td>465</td></lod<>	465
4286519.345		R138	1002	Pine Lake Road	back	6	2	16	1560	<lod< td=""><td><lod< td=""><td>466</td></lod<></td></lod<>	<lod< td=""><td>466</td></lod<>	466
4286519.345	242571.561	R138	1002	Pine Lake Road	back	12	4	17	774.4	39.1	<lod< td=""><td>467</td></lod<>	467
4286519.345	242571.561	R138	1002	Pine Lake Road	back	24	5	18	1549.6	<lod< td=""><td><lod< td=""><td>468</td></lod<></td></lod<>	<lod< td=""><td>468</td></lod<>	468
4286478.456	242607.983	X102	1004	Pine Lake Road		surface	1		23000		· -	478
4286484.732	242605.810	X103	1004	Pine Lake Road		surface	1		11000			479
4286529.060	242630.935	R81	1006	Pine Lake Road	front	surface	1	27	126.9	<lod< td=""><td><lod< td=""><td>218</td></lod<></td></lod<>	<lod< td=""><td>218</td></lod<>	218
4286529.060	242630.935	R81	1006	Pine Lake Road	front	6	2	28	103.4	<lod< td=""><td><lod< td=""><td>219</td></lod<></td></lod<>	<lod< td=""><td>219</td></lod<>	219
4286529.060	242630.935	R81	1006	Pine Lake Road	front	8 - 10 inches	. 3	29	626	<lod< td=""><td><lod< td=""><td>220</td></lod<></td></lod<>	<lod< td=""><td>220</td></lod<>	220
4286506.579	242629.987	R82	1006	Pine Lake Road	back	surface	1	30	691.6	<lod< td=""><td><lod< td=""><td>221</td></lod<></td></lod<>	<lod< td=""><td>221</td></lod<>	221
4286506.579	242629.987	R82	1006	Pine Lake Road	back	6	. 2	31	1409.6	<lod< td=""><td><lod< td=""><td>222</td></lod<></td></lod<>	<lod< td=""><td>222</td></lod<>	222
4286506.579	242629.987	R82	1006	Pine Lake Road	back	12		32	629.2	<lod< td=""><td><lod< td=""><td>223</td></lod<></td></lod<>	<lod< td=""><td>223</td></lod<>	223
4286477.23	242623.67	01704	100€	Pine Lake Road					7944			540
4286469.81	242624.09	01703	1006	Pine Lake Road					4258			541
4286489.20	242661.62	01706	1008	Pine Lake Road			1		1736			538
4286523.43	242658.73	01705	1008	Pine Lake Road	1				156		T	539
4286502.31	242678.02	00615	1010	Pine Lake Road					740			504
4286502.70	242693.76	00614	1010	Pine Lake Road					1220			505
4286484.83	242676.44	00616	1010	Pine Lake Road					12			506
4286525.41	242675.64	00617	1010	Pine Lake Road					110		[507

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Table 2 St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1.2

Concnetrations shown in milligrams per kiligram or parts per million

UTM - Y	UTM-X	Sample Number	House No	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromlum	Sort
4286507.81	242676.53	S7	1010	Pine Lake Road			1		2700			565
4286531.84	242723.45	00618	1012	Pine Lake Road			1		118			508
4286484 03	242731.08	00619	1012	Pine Lake Road			1		2600			509
4286512 96	242715.01	00620	1012	Pine Lake Road	.	ļ	1		430			510
4286493 65	242686.53	00340	1012	Pine Lake Road	- 1		1		1454			511
4286494 57	242716.81	00341	1012	Pine Lake Road			1		162			512
4286488.016	242703.875	R190	1012	Pine Lake Road	back	surface	1	210	4467.2	<lod< td=""><td><lod< td=""><td>760</td></lod<></td></lod<>	<lod< td=""><td>760</td></lod<>	760
4286488.016	242703.875	R190	1012	Pine Lake Road	back	6	2	211	10899.2	343	<lod< td=""><td>761</td></lod<>	761
4286532.527	242751.988	R191	1016	Pine Lake Road	front	surface	1	212	323	<lod< td=""><td><lod< td=""><td>762</td></lod<></td></lod<>	<lod< td=""><td>762</td></lod<>	762
4286532.527	242751.988	R191	1016	Pine Lake Road	front	6	2	213	157.5	<lod< td=""><td><lod< td=""><td>763</td></lod<></td></lod<>	<lod< td=""><td>763</td></lod<>	763
4286532.527	242751.988	R191	1016	Pine Lake Road	front	12	4	214	688.8	<lod< td=""><td><lod< td=""><td>764</td></lod<></td></lod<>	<lod< td=""><td>764</td></lod<>	764
4286590.25	242745.35	01708	1017	Pine Lake Road			1		1128			536
4286567.98	242764.32	01707	1017	Pine Lake Road		1	1		31			537
4286526.92	242814.92	X101	1018	Pine Lake Road			1		1700			480
4286514.97	242797.54	X102	1018	Pine Lake Road			1		730			481
4286538.86	242776.91	X103	1018	Pine Lake Road			1		1200			482
4286612.11	242779.17	01710	1019	Pine Lake Road			1		125			534
4286585.30	242785.77	01709	1019	Pine Lake Road			1		1969			535
4286556.619	242798.511	R37	1020	Pine Lake Road	front	surface	1	331	157.6	<lod< td=""><td><lod< td=""><td>110</td></lod<></td></lod<>	<lod< td=""><td>110</td></lod<>	110
4286556.619	242798.511	R37	1020	Pine Lake Road	front	4	2	332	217.2	<lod< td=""><td><lod< td=""><td>111</td></lod<></td></lod<>	<lod< td=""><td>111</td></lod<>	111
4286556.619	242796.511	R37	1020	Pine Lake Road	front	8	3	333	171.6	<lod< td=""><td><lod< td=""><td>112</td></lod<></td></lod<>	<lod< td=""><td>112</td></lod<>	112
4286582.35	242827.958	R38	1020	Pine Lake Road	back	surface	1	334	1389.6	<lod< td=""><td><lod< td=""><td>113</td></lod<></td></lod<>	<lod< td=""><td>113</td></lod<>	113
4286582.35	242827.958	R38	1020	Pine Lake Road	back	0 - 1	-	335	1760	<lod< td=""><td><lod< td=""><td>114</td></lod<></td></lod<>	<lod< td=""><td>114</td></lod<>	114
4286564.637	242818.466	R46	1020	Pine Lake Road	back	surface	1	343	. 50.4	<lod< td=""><td><lod< td=""><td>122</td></lod<></td></lod<>	<lod< td=""><td>122</td></lod<>	122
4286564.63	242818.466	R46	1020	Pine Lake Road	back	6	2	344	42	<lod< td=""><td><lod< td=""><td>123</td></lod<></td></lod<>	<lod< td=""><td>123</td></lod<>	123
4286564.637	242818.466	R46	1020	Pine Lake Road	back	12	1 4	345	39.1	<lod< td=""><td><lod< td=""><td>124</td></lod<></td></lod<>	<lod< td=""><td>124</td></lod<>	124
4286564.637	242818.466	R46	1020	Pine Lake Road	back	24		346	0	<lod< td=""><td><lod< td=""><td>125</td></lod<></td></lod<>	<lod< td=""><td>125</td></lod<>	125
4286562.223	242794.744	GP3	1020	Pine Lake Road	front	surface		48	172.1	<lod< td=""><td><lod< td=""><td>275</td></lod<></td></lod<>	<lod< td=""><td>275</td></lod<>	275
4286562.227	242794.744	GP3	1020	Pine Lake Road	front	6		49	1089.6	<lod< td=""><td><lod< td=""><td>276</td></lod<></td></lod<>	<lod< td=""><td>276</td></lod<>	276
4286562.22	242794.744	GP3	1020	Pine Lake Road	front	12	1	50	2849.6	<lod< td=""><td><lod< td=""><td>277</td></lod<></td></lod<>	<lod< td=""><td>277</td></lod<>	277
4286562.22	242794.744	GP3	1020	Pine Lake Road	front	24		51	1280	<lod< td=""><td>382.2</td><td>278</td></lod<>	382.2	278
4286562.227	242794.744	GP3	1020	Pine Lake Road	front	_36	36	· · · · · · · · · · · · · · · · · · ·	15898	504.4	0	279
4286562.22	242794.744	GP3	1020	Pine Lake Road	front	48	48	53	139	<lod< td=""><td>0</td><td>280</td></lod<>	0	280
4286562.227	242794.744	GP3	1020	Pine Lake Road	front	120	120		40	<lod< td=""><td>0</td><td>281</td></lod<>	0	281

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1,2
Concnetrations shown in milligrams per kiligram or parts per million

		,	 	SHOHELI GUELLE GITETITI	1	<u> </u>	F F					
	ļ.	Sample	House		Location in	Sample Depth	Depth	XRF Reading			1	
UTM - Y	итм-х	Number	No.	Street	yard	(inches)	Category	Number	Lead	Arsenic	Chromium	Sort
4287340.496	243590.351	R192	22	Pine Valley Drive	front	surface	1	218	30	<lod< td=""><td><lod< td=""><td>765</td></lod<></td></lod<>	<lod< td=""><td>765</td></lod<>	765
4287340.496	243590.351	R192	22	Pine Valley Drive	front	6	2	219	21.3	<lod< td=""><td><lod< td=""><td>766</td></lod<></td></lod<>	<lod< td=""><td>766</td></lod<>	766
4287340.496	243590.351	R192	22	Pine Valley Drive	front	24	5	220	. 34.5	<lod< td=""><td><lod< td=""><td>767</td></lod<></td></lod<>	<lod< td=""><td>767</td></lod<>	767
4287340.496	243590.351	R192	22	Pine Valley Drive	front	. 12	4	221	30	<lod< td=""><td><lod< td=""><td>768</td></lod<></td></lod<>	<lod< td=""><td>768</td></lod<>	768
4286667.491	242859.089	R193	1901	Pinehurst Court	back	surface	1	222	30	<lod< td=""><td><lod< td=""><td>769</td></lod<></td></lod<>	<lod< td=""><td>769</td></lod<>	769
4286667.491	242859.089	R193	1901	Pinehurst Court	back	6	2	223	30	<lod< td=""><td><lod< td=""><td>770</td></lod<></td></lod<>	<lod< td=""><td>770</td></lod<>	770
4286667.491	242859.089	R193	1901	Pinehurst Court	back	12	4	224	30	<lod< td=""><td><lod< td=""><td>771</td></lod<></td></lod<>	<lod< td=""><td>771</td></lod<>	771
4286667.491	242859.089	R193	1901	Pinehurst Court	back	24	5	225	23.6	<lod< td=""><td><lod< td=""><td>772</td></lod<></td></lod<>	<lod< td=""><td>772</td></lod<>	772
4286659.140	242888.415	R194	1902	Pinehurst Court	north side yard	surface	1	226	142.6	<lod< td=""><td><lod< td=""><td>773</td></lod<></td></lod<>	<lod< td=""><td>773</td></lod<>	773
4286659.140	242888.415	R194	1902	Pinehurst Court	north side yard	6	2	227	73.1	<lod< td=""><td><lod< td=""><td>774</td></lod<></td></lod<>	<lod< td=""><td>774</td></lod<>	774
4286659.140	242888.415	R194	1902	Pinehurst Court	north sidé yard	12	4	228	56.7	<lod< td=""><td><lod< td=""><td>775</td></lod<></td></lod<>	<lod< td=""><td>775</td></lod<>	775
4286659.140	242888.415	R194	1902	Pinehurst Court	north side yard	24	5	229	30	<lod< td=""><td><lod< td=""><td>776</td></lod<></td></lod<>	<lod< td=""><td>776</td></lod<>	776
4286623.990	242902.249	R195	1902	Pinehurst Court	back	surface	1	230	794.4	<lod< td=""><td><lod< td=""><td>777</td></lod<></td></lod<>	<lod< td=""><td>777</td></lod<>	777
4286623.990	242902.249	R195	1902	Pinehurst Court	back	6	2	231	1609.6	<lod< td=""><td><lod< td=""><td>778</td></lod<></td></lod<>	<lod< td=""><td>778</td></lod<>	778
4286623.990	242902.249	R195	1902	Pinehurst Court	back	12	4	232	509.2	50.5	<lod< td=""><td>779</td></lod<>	779
4286623.990	242902.249	R195	1902	Pinehurst Court	back	24	5	233	969.6	<lod< td=""><td><lod< td=""><td>780</td></lod<></td></lod<>	<lod< td=""><td>780</td></lod<>	780
4286658.614	242947.597	R196	1904	Pinehurst Court	front	surface	1	234	30	<lod< td=""><td><lod< td=""><td>781</td></lod<></td></lod<>	<lod< td=""><td>781</td></lod<>	781
4286658.614	242947.597	R196	1904	Pinehurst Court	front	6	2	235	30	<lod< td=""><td><lod< td=""><td>782</td></lod<></td></lod<>	<lod< td=""><td>782</td></lod<>	782
4286658.614	242947.597	R196	1904	Pinehurst Court	front	12	4	236	30	<lod< td=""><td><lod< td=""><td>783</td></lod<></td></lod<>	<lod< td=""><td>783</td></lod<>	783
4286658.614	242947.597	R196	1904	Pinehurst Court	front	24	5	237	30	<lod< td=""><td><lod< td=""><td>784</td></lod<></td></lod<>	<lod< td=""><td>784</td></lod<>	784
4286628.209	242963.221	R197	1907	Pinehurst Court	front	surface	1	238	56.7	<lod< td=""><td><lod< td=""><td>785</td></lod<></td></lod<>	<lod< td=""><td>785</td></lod<>	785
4286628.209	242963.221	R197	1907	Pinehurst Court	front	6	2	239	42.9	<lod< td=""><td><lod td="" ·<=""><td>786</td></lod></td></lod<>	<lod td="" ·<=""><td>786</td></lod>	786
4286628.209	242963.221	R197	1907	Pinehurst Court	front	12	4	240	30.9	<lod< td=""><td><lod< td=""><td>787</td></lod<></td></lod<>	<lod< td=""><td>787</td></lod<>	787
4286628.209	242963.221	R197	1907	Pinehurst Court	front	24	5	241	25.6	<lod< td=""><td><lod< td=""><td>788</td></lod<></td></lod<>	<lod< td=""><td>788</td></lod<>	788
4286630.684	242999.436	R198	1908	Pinehurst Court	front	surface	1	242	20.8	<lod< td=""><td><lod< td=""><td>789</td></lod<></td></lod<>	<lod< td=""><td>789</td></lod<>	789
4286630.684	242999.436	R198	1908	Pinehurst Court	front	6	2	243	25.8	<lod< td=""><td><lod< td=""><td>790</td></lod<></td></lod<>	<lod< td=""><td>790</td></lod<>	790
4286630.684	242999.436	R198	1908	Pinehurst Court	front	12	4	244	30	<lod< td=""><td><lod< td=""><td>791</td></lod<></td></lod<>	<lod< td=""><td>791</td></lod<>	791
4286630.684	242999.436	R198	1908	Pinehurst Court	front	24	5	245	27.9	<lod< td=""><td><lod< td=""><td>792</td></lod<></td></lod<>	<lod< td=""><td>792</td></lod<>	792
4286571.198	242956.752	R62	1909	Pinehurst Court	back	surface	1	399	79.7	<lod< td=""><td><lod< td=""><td>169</td></lod<></td></lod<>	<lod< td=""><td>169</td></lod<>	169
4286571.198	242956.752	R62	1909	Pinehurst Court	back	surface	1	400	254.2	<lod< td=""><td>426.4</td><td>170</td></lod<>	426.4	170
4286571.198	242956.752	R62	1909	Pinehurst Court	back	4	2		203.1	42.4	<lod< td=""><td>17</td></lod<>	17
4286593.038	242970.588	R63	1909	Pinehurst Court	back	1		402	40.6	<lod< td=""><td><lod< td=""><td>17:</td></lod<></td></lod<>	<lod< td=""><td>17:</td></lod<>	17:
4286593.038	242970.588	R63	1 —	Pinehurst Court	back	6	1	+	39	<lod< td=""><td><lod< td=""><td>173</td></lod<></td></lod<>	<lod< td=""><td>173</td></lod<>	173
4286593.038	242970.588	R63	1909	Pinehurst Court	back	24			29	<lod< td=""><td><lod< td=""><td>174</td></lod<></td></lod<>	<lod< td=""><td>174</td></lod<>	174

Table 2 St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per kiligram or parts per million

1	1	i i	ı		1	l' -	† ' 	T				T
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromlum	Sort
4286555.977	242968 260	R64	1909	Pinehurst Court	creek in back	3	1	405	200.3	<lod< td=""><td><rp><rob< td=""><td>175</td></rob<></rp></td></lod<>	<rp><rob< td=""><td>175</td></rob<></rp>	175
4286619.947	243034.127	R199	1910	Pinehurst Court	back	surface	1	246	30	<lod< td=""><td><lod< td=""><td>793</td></lod<></td></lod<>	<lod< td=""><td>793</td></lod<>	793
4286619.947	243034.127	R199	1910	Pinehurst Court	back	6	2	247	30	<lod< td=""><td><lod< td=""><td>794</td></lod<></td></lod<>	<lod< td=""><td>794</td></lod<>	794
4286619.947	243034.127	R199	1910	Pinehurst Court	back	12	4	248	30	<lod< td=""><td><lod< td=""><td>795</td></lod<></td></lod<>	<lod< td=""><td>795</td></lod<>	795
4286619.947	243034.127	R199	1910	Pinehurst Court	back	24) 5	249	30	<lod< td=""><td><lod< td=""><td>796</td></lod<></td></lod<>	<lod< td=""><td>796</td></lod<>	796
4286558.551	242984.592	R65	1911	Pinehurst Court	back	surface	1	406	93	<lod< td=""><td><lod< td=""><td>176</td></lod<></td></lod<>	<lod< td=""><td>176</td></lod<>	176
4286558.551	242984.592	R65	1911	Pinehurst Court	back	6	2	407	36.6	<lod< td=""><td><lod< td=""><td>177</td></lod<></td></lod<>	<lod< td=""><td>177</td></lod<>	177
4286558.551	242984.592	R65	1911	Pinehurst Court	back	12	1 4	408	103.8	<lod< td=""><td><lod< td=""><td>178</td></lod<></td></lod<>	<lod< td=""><td>178</td></lod<>	178
4286558.551	242984.592	R65	1911	Pinehurst Court	back	14	4	409	93	<lod< td=""><td>508</td><td>179</td></lod<>	508	179
4286558.551	242984.592	R65	1911	Pinehurst Court	back	24	5	410	98	<lod< td=""><td><lod< td=""><td>180</td></lod<></td></lod<>	<lod< td=""><td>180</td></lod<>	180
4286596.550	243040.100	R200	1912	Pinehurst Court	front	surface	1	250	30	<lod< td=""><td><lod< td=""><td>797</td></lod<></td></lod<>	<lod< td=""><td>797</td></lod<>	797
4286596.550	243040.100	R200	1912	Pinehurst Court	front	6	2	251	25.1	<lod< td=""><td><lod< td=""><td>798</td></lod<></td></lod<>	<lod< td=""><td>798</td></lod<>	798
4286596.550	243040.100	R200	1912	Pinehurst Court	front	12	4	253	23.8	<lod< td=""><td><lod< td=""><td>799</td></lod<></td></lod<>	<lod< td=""><td>799</td></lod<>	799
4286596.550	243040.100	R200	1912	Pinehurst Court	front	24		254	30	<lod< td=""><td><lod< td=""><td>800</td></lod<></td></lod<>	<lod< td=""><td>800</td></lod<>	800
4286586.67	242931.94	S8	İ	Pinehurst Court	j	!	1		981		1	584
4286493.746	242501.607	R201	1865	Rain Tree Trail	front	surface	1	255	684.4	<lod< td=""><td><lod< td=""><td>801</td></lod<></td></lod<>	<lod< td=""><td>801</td></lod<>	801
4286493.746	242501.607	R201	1865	Rain Tree Trail	front	l e	2	256	1469.6	<lod< td=""><td><lod< td=""><td>802</td></lod<></td></lod<>	<lod< td=""><td>802</td></lod<>	802
4286493.746	242501.607	R201	1865	Rain Tree Trail	front	12	1	257	1520	<lod< td=""><td><lod< td=""><td>803</td></lod<></td></lod<>	<lod< td=""><td>803</td></lod<>	803
4286493.746	242501.607	R201	1865	Rain Tree Trail	front	24	1 :	258	640.8	<lod< td=""><td><lod< td=""><td>804</td></lod<></td></lod<>	<lod< td=""><td>804</td></lod<>	804
4286497.143	242465.987	R202	1865	Rain Tree Trail	back	surface	1	259	6739.2	<lod< td=""><td><lod< td=""><td>808</td></lod<></td></lod<>	<lod< td=""><td>808</td></lod<>	808
4286497.143	242465.987	R202	1865	Rain Tree Trail	back	6	1 2	260	7545.6	177.5	<lod< td=""><td>800</td></lod<>	800
4286497.143	242465.987	R202	1865	Rain Tree Trail	back	12	1	261	8608	<lod< td=""><td>692.4</td><td>807</td></lod<>	692.4	807
4286410,151	1		1871	Rain Tree Trail	front	2	1	319	73.9	<lod< td=""><td>290.2</td><td>101</td></lod<>	290.2	101
4286410.151		1		Rain Tree Trail	front	4		320	102.6	<lod< td=""><td>398.2</td><td>102</td></lod<>	398.2	102
4286410.151	1	1	1	Rain Tree Trail	front	24	1	321	1610	<lod< td=""><td><lod< td=""><td>103</td></lod<></td></lod<>	<lod< td=""><td>103</td></lod<>	103
4286413.755		E .	1	Rain Tree Trail	back	2		322	70.4	<lod< td=""><td><lod< td=""><td>104</td></lod<></td></lod<>	<lod< td=""><td>104</td></lod<>	104
4286413.755			1	Rain Tree Trail	back	24	١,	323	182	<lod< td=""><td>< LOD</td><td>10</td></lod<>	< LOD	10
4286413.755		1	1	Rain Tree Trail	back	30	30		65	<lod< td=""><td>0</td><td>10</td></lod<>	0	10
4286394,011	242550.608	I	_	Rain Tree Trail	back	surface		135	182.9	34.5	528.8	35
4286394.011		 		Rain Tree Trail	back	8			90.1	<lod< td=""><td><lod< td=""><td>356</td></lod<></td></lod<>	<lod< td=""><td>356</td></lod<>	356
4286394.011	242550.608		+	Rain Tree Trail	back	12	1 2	137	432	<lod< td=""><td>348.6</td><td>35</td></lod<>	348.6	35
4286394.011	 		t ———	Rain Tree Trail	back	24			54	<lod< td=""><td>560.4</td><td>35</td></lod<>	560.4	35
4286401.960	1	l		Rain Tree Trail	back	surface	 	139	52.8	<lod< td=""><td><lod< td=""><td>35</td></lod<></td></lod<>	<lod< td=""><td>35</td></lod<>	35
4286631.125	t	 -		Rain Tree Trail	front	surface		262	4067.2	<lod< td=""><td><lod< td=""><td>80</td></lod<></td></lod<>	<lod< td=""><td>80</td></lod<>	80

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

1.2
Concnetrations shown in milligrams per kiligram or parts per million

	· · · · · · · · · · · · · · · · · · ·					por time						
LITA V	LITA	Sample	House No.	Street	Location in	Sample Depth	Depth	XRF Reading				
UTM - Y	UTM-X	Number			yard	(inches)	Category	Number	Lead	Arsenic	Chromium	Sort
4286631.125			····	Rain Tree Trail	front	6	2		4028.8	<lod< td=""><td><lod< td=""><td>809</td></lod<></td></lod<>	<lod< td=""><td>809</td></lod<>	809
4286631.125		 	1964	Rain Tree Trail	front	12	4	264	5459.2	<lod< td=""><td><lod< td=""><td>810</td></lod<></td></lod<>	<lod< td=""><td>810</td></lod<>	810
4286631.125				Rain Tree Trail	front	24	5		11200	<lod< td=""><td><lod< td=""><td>811</td></lod<></td></lod<>	<lod< td=""><td>811</td></lod<>	811
4286609.576				Rain Tree Trail	back	surface	1	266	3179.2	<lod< td=""><td><lod_< td=""><td>812</td></lod_<></td></lod<>	<lod_< td=""><td>812</td></lod_<>	812
4286609.576		R204	1964	Rain Tree Trail	back	6	2		4537.6	<lod< td=""><td><lod< td=""><td>813</td></lod<></td></lod<>	<lod< td=""><td>813</td></lod<>	813
4286609.576	242548.124	R204	1964	Rain Tree Trail	back	12	4	268	1840	<lod< td=""><td><lod< td=""><td>814</td></lod<></td></lod<>	<lod< td=""><td>814</td></lod<>	814
4286609.576	242548.124	R204	1964	Rain Tree Trail	back	22	5	269	7436.8	<lod< td=""><td><lod< td=""><td>815</td></lod<></td></lod<>	<lod< td=""><td>815</td></lod<>	815
4286619.488	242499.040	R58	1965	Rain Tree Trail	front	11	1	383	28800	768.4	<lod< td=""><td>153</td></lod<>	153
4286619.488	242499.040	R58	1965	Rain Tree Trail	front	4	2	384	90572.8	4579.2	<lod< td=""><td>154</td></lod<>	154
4286619.488	242499.040	R58	1965	Rain Tree Trail	front	8	3	385	46182.4	2108.8	<lod< td=""><td>155</td></lod<>	155
4286619.488	242499.040	R58	1965	Rain Tree Trail	front	16	4	386	48179	1680	0	156
4286649.044	242519.366	R205	1966	Rain Tree Trail	front	surface	1	270	7065.6	278.2	<lod< td=""><td>816</td></lod<>	816
4286649.044	242519.366	R205	1966	Rain Tree Trail	front	6	2	271	5987.2	<lod< td=""><td><lod< td=""><td>817</td></lod<></td></lod<>	<lod< td=""><td>817</td></lod<>	817
4286649.044	242519.366	R205	1966	Rain Tree Trail	front	12	4	272	6707.2	<lod< td=""><td><lod< td=""><td>818</td></lod<></td></lod<>	<lod< td=""><td>818</td></lod<>	818
4286649.044	242519.366	R205	1966	Rain Tree Trail	front	24	5	273	8384	<lod< td=""><td><lod< td=""><td>819</td></lod<></td></lod<>	<lod< td=""><td>819</td></lod<>	819
4286643.463	242548.778	R206	1966	Rain Tree Trail	back	surface	1	274	1500	<lod< td=""><td><lod< td=""><td>820</td></lod<></td></lod<>	<lod< td=""><td>820</td></lod<>	820
4286643.463	242548.778	R206	1966	Rain Tree Trail	back	6	2	275	5289.6	<lod< td=""><td><lod< td=""><td>821</td></lod<></td></lod<>	<lod< td=""><td>821</td></lod<>	821
4286670.53	242554.39	01851	1968	Rain Tree Trail			1		7168			515
4286684.47	242525.30	01850	1968	Rain Tree Trail			1		3083			516
4286680.426	242522.517	R188	1968	Rain Tree Trail	front	surface	1	202	289.4	<lod< td=""><td><lod< td=""><td>752</td></lod<></td></lod<>	<lod< td=""><td>752</td></lod<>	752
4286680.426	242522.517	R188	1968	Rain Tree Trail	front	6	2	203	104.8	<lod< td=""><td><lod< td=""><td>753</td></lod<></td></lod<>	<lod< td=""><td>753</td></lod<>	753
4286680.426	242522.517	R188	1968	Rain Tree Trail	front	12	4	204	970.4	<lod< td=""><td><lod< td=""><td>754</td></lod<></td></lod<>	<lod< td=""><td>754</td></lod<>	754
4286680.426	242522.517	R188	1968	Rain Tree Trail	front	24	5	205	40.6	<lod< td=""><td><lod< td=""><td>755</td></lod<></td></lod<>	<lod< td=""><td>755</td></lod<>	755
4286666.167	242552.048	R189	1968	Rain Tree Trail	back	surface	1	206	1788.8	<lod< td=""><td><lod< td=""><td>756</td></lod<></td></lod<>	<lod< td=""><td>756</td></lod<>	756
4286666.167	242552.048	R189	1968	Rain Tree Trail	back	6	2	207	108.3	<lod< td=""><td><lod< td=""><td>757</td></lod<></td></lod<>	<lod< td=""><td>757</td></lod<>	757
4286666.167	242552.048	R189	1968	Rain Tree Trail	back	12	4	208	2348.8	<lod< td=""><td><lod< td=""><td>758</td></lod<></td></lod<>	<lod< td=""><td>758</td></lod<>	758
4286666.167	242552.048	R189	1968	Rain Tree Trail	back	24		209	5548.8	<lod< td=""><td><lod< td=""><td>759</td></lod<></td></lod<>	<lod< td=""><td>759</td></lod<>	759
4286664.308	242500.681	R209	1969	Rain Tree Trail	front	surface	-	284	765.2	<lod< td=""><td><lod< td=""><td>830</td></lod<></td></lod<>	<lod< td=""><td>830</td></lod<>	830
4286664.308	242500.681	R209	1969	Rain Tree Trail	front	6	- 2	285	2988.8	<lod< td=""><td><lod< td=""><td>831</td></lod<></td></lod<>	<lod< td=""><td>831</td></lod<>	831
4286664.308	242500.681	R209	1969	Rain Tree Trail	front	12	1	286	4108.8	<lod< td=""><td><lod< td=""><td>832</td></lod<></td></lod<>	<lod< td=""><td>832</td></lod<>	832
4286664.308	242500.681	R209	1969	Rain Tree Trail	front	24		287	1280	<lod< td=""><td><lod< td=""><td>833</td></lod<></td></lod<>	<lod< td=""><td>833</td></lod<>	833
4286704.291	242507.675	R207	1971	Rain Tree Trail	front	surface	1	276	537.2	<lod< td=""><td><lòd< td=""><td>822</td></lòd<></td></lod<>	<lòd< td=""><td>822</td></lòd<>	822
4286704.291	242507.675	R207	1971	Rain Tree Trail	front	6	1 2	2 277	1889.6	<lod< td=""><td><lod< td=""><td>823</td></lod<></td></lod<>	<lod< td=""><td>823</td></lod<>	823
4286704.291	242507.675	R207	1971	Rain Tree Trail	front	12	1	278	6000	<lod< td=""><td><lod< td=""><td>824</td></lod<></td></lod<>	<lod< td=""><td>824</td></lod<>	824

Table 2 St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per kiligram or parts per million

						l .	Ĭ	<u> </u>				\Box
I ITAA V	UTM-X	Sample Number	House	Street	Location in	Sample Depth	Depth Category	XRF Reading Number	Lond	Amonio	Chambia	800
UTM - Y			No.	·	yard	(inches)			Lead	Arsenic	Chromium	Sort
4288704 291	242507.675	-		Rain Tree Trail	front	24	5	 +	114	<lod< td=""><td><lod< td=""><td>825</td></lod<></td></lod<>	<lod< td=""><td>825</td></lod<>	825
4286710.117				Rain Tree Trail	back	surface	1	280	1140	<lod< td=""><td><lod< td=""><td>826</td></lod<></td></lod<>	<lod< td=""><td>826</td></lod<>	826
4286710.117	242477.450	t :		Rain Tree Trail	back	6	2		1589.6	<lod< td=""><td><lod< td=""><td>827</td></lod<></td></lod<>	<lod< td=""><td>827</td></lod<>	827
4286710.117			L	Rain Tree Trail	back	12	4	282	15897.6	418.8	<lod< td=""><td>828</td></lod<>	828
4286710.117	1	l .		Rain Tree Trail	back	20	5		17497.6	399	<lod_< td=""><td>829</td></lod_<>	829
4286725.268		1	ł '	Rain Tree Trail	back	surface	1 1	288	2160	102.6	<lo0< td=""><td>834</td></lo0<>	834
4286725.268	l · -	ŧ		Rain Tree Trail	back	6	2		3337.6	153.9	<lod< td=""><td>835</td></lod<>	835
4286725.268	242570.773	R210	1972	Rain Tree Trail	back	12	4	290	2419.2	<lod< td=""><td><lod< td=""><td>836</td></lod<></td></lod<>	<lod< td=""><td>836</td></lod<>	836
4288725.268	242570.773	R210	1972	Rain Tree Trail	back	20	5	291	1800	<lod< td=""><td><lod< td=""><td>837</td></lod<></td></lod<>	<lod< td=""><td>837</td></lod<>	837
4286726.589	242493.037	R111	1973	Rain Tree Trail	back	surface	1	140	8345.6	418.8	<lod_< td=""><td>360</td></lod_<>	360
4286726.589	242493.037	R111	1973	Rain Tree Trail	back	6	2	141	6057.6	178.4	<lod< td=""><td>361</td></lod<>	361
4286726.589	242493.037	R111	1973	Rain Tree Trail	back	12	4	142	3948.8	284.4	<lod< td=""><td>362</td></lod<>	362
4286726.589	242493.037	R111	1973	Rain Tree Trail	back	24	5	143	798	<lod< td=""><td><lod< td=""><td>363</td></lod<></td></lod<>	<lod< td=""><td>363</td></lod<>	363
4286726.589	242493.037	R111	1973	Rain Tree Trail	back	8	3	144	11200	792	2979.2	364
4286746.884	242497.909	R112	1973	Rain Tree Trail	back	surface	1	145	2948.8	137.8	426.8	365
4286746.070	242493.000	R112 a	1973	Rain Tree Trail	back	surface	1	146	6579.2	<lod< td=""><td><lod< td=""><td>366</td></lod<></td></lod<>	<lod< td=""><td>366</td></lod<>	366
4286763.273	242552.882	R211	1974	Rain Tree Trail	front	surface	1	292	930.4	<lod< td=""><td><lod< td=""><td>838</td></lod<></td></lod<>	<lod< td=""><td>838</td></lod<>	838
4286763 273	242552.882	R211	1974	Rain Tree Trail	front	6	2	293	2960	<lod< td=""><td><lod< td=""><td>830</td></lod<></td></lod<>	<lod< td=""><td>830</td></lod<>	830
4286763.273	242552.882	R211	1974	Rain Tree Trail	front	12	4	294	500	37.2	<lod< td=""><td>840</td></lod<>	840
4286763.273	242552.882	R211	1974	Rain Tree Trail	front	20	5	295	2449.6	129.5	<lod< td=""><td>841</td></lod<>	841
4286781.718	242558.951	R113	1976	Rain Tree Trail	front	surface	1	147	189.1	<lod< td=""><td><lod< td=""><td>36</td></lod<></td></lod<>	<lod< td=""><td>36</td></lod<>	36
4286781.718	242558,951	R113	1976	Rain Tree Trail	front	6	2	148	143	<lod< td=""><td><lod< td=""><td>360</td></lod<></td></lod<>	<lod< td=""><td>360</td></lod<>	360
4286781.718	1	L_	1976	Rain Tree Trail	front	12	4	149	268.4	<lod< td=""><td><lod< td=""><td>369</td></lod<></td></lod<>	<lod< td=""><td>369</td></lod<>	369
4286781.718	1	ľ	1	Rain Tree Trail	front	14	1	150	4227.2	<lod< td=""><td>1220</td><td>370</td></lod<>	1220	370
4286762.982	1	l.	1	Rain Tree Trail	back	surface	 		159.5	<lod< td=""><td><lod< td=""><td>842</td></lod<></td></lod<>	<lod< td=""><td>842</td></lod<>	842
4286762.982	1	B	1	Rain Tree Trail	back	6	1 2		497.6	₹LOD	_ <lod< td=""><td>843</td></lod<>	843
4286762.982	i .	l.		Rain Tree Trail	back	12	 		295	35.1	648.8	84
4286762.982	I			Rain Tree Trail	back	24			993.6	<lod< td=""><td><lod< td=""><td>840</td></lod<></td></lod<>	<lod< td=""><td>840</td></lod<>	840
4286805.633	li .	ľ	1	Rain Tree Trail	back	surface	 	158	1649.6	<lod< td=""><td><lod< td=""><td>37</td></lod<></td></lod<>	<lod< td=""><td>37</td></lod<>	37
4286805.633		ı	1	Rain Tree Trail	back	6	1 3		1939.2	<lod< td=""><td>₹LOD</td><td>37</td></lod<>	₹LOD	37
4286805.633		1		Rain Tree Trail	back	12	 		874.4	<lod< td=""><td><lod< td=""><td></td></lod<></td></lod<>	<lod< td=""><td></td></lod<>	
4286805.633	t			Rain Tree Trail	back	24	1		. 244	<lod< td=""><td>< LOD</td><td>373</td></lod<>	< LOD	373
	·		1	Rain Tree Trail		~ · · · · · · · · · · · · · · · · · · ·					+	374
4286828.654	 				(spare lot)	surface			157.5	<lod< td=""><td><lod< td=""><td>37</td></lod<></td></lod<>	<lod< td=""><td>37</td></lod<>	37
4286828.654	242579.756	פוואן	1 19/6	Rain Tree Trail	(spare lot)	6		163	59.2	<lod< td=""><td><lod< td=""><td>37</td></lod<></td></lod<>	<lod< td=""><td>37</td></lod<>	37

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs ^{1,2}
Concnetrations shown in milligrams per kiligram or parts per million

<i></i>	~		·	31.01.01.01.01.0		, , , ,						
UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286828.654	242579.756	R115	1978	Rain Tree Trail	(spare lot)	12	4	164	49.6	<lod< td=""><td><lod< td=""><td>377</td></lod<></td></lod<>	<lod< td=""><td>377</td></lod<>	377
4286828.654			 	Rain Tree Trail	(spare lot)	24	5		30	<lod< td=""><td><lod< td=""><td>378</td></lod<></td></lod<>	<lod< td=""><td>378</td></lod<>	378
4286814.921	242518.673		1979	Rain Tree Trail	back	surface	1	 	4848	<lod< td=""><td><lod< td=""><td>379</td></lod<></td></lod<>	<lod< td=""><td>379</td></lod<>	379
4286814.921			1979	Rain Tree Trail	back	6	2	167	7616	556	<lod< td=""><td>380</td></lod<>	380
4286814.921	242518.673		. 1979	Rain Tree Trail	back	12	4	168	4438.4	<lod< td=""><td><lod< td=""><td>381</td></lod<></td></lod<>	<lod< td=""><td>381</td></lod<>	381
4286832.93			1980	Rain Tree Trail			1		1571			530
4286834.58			1980	Rain Tree Trail			1		2603		1	531
4286760.21	242505.25	01834	1980	Rain Tree Trail			1		1924		<u> </u>	532
4286755.67	242530.82	01833	1980	Rain Tree Trail			1		4023			533
4286818.91		01837	1981	Rain Tree Trail			1		1769		† · · · · · · · · · · · · · · · · · · ·	529
4286836.622	242520.745	R214	1981	Rain Tree Trail	back	surface	1	300	1920	<lod< td=""><td><lod< td=""><td>846</td></lod<></td></lod<>	<lod< td=""><td>846</td></lod<>	846
4286836.622		R214	1981	Rain Tree Trail	back	6	2	301	11097.6	487.6	<lod< td=""><td>847</td></lod<>	847
4286836.622	242520.745	R214	1981	Rain Tree Trail	back	12	4	1	8627.2	499.2	<lod< td=""><td>848</td></lod<>	848
4286885.563	242560.224	R125	1985	Rain Tree Trail	front	surface	1	50	420.8	<lod< td=""><td><lod< td=""><td>414</td></lod<></td></lod<>	<lod< td=""><td>414</td></lod<>	414
4286885.563	242560.224	R125	1985	Rain Tree Trail	front	6	2	51	2240	82.2	802.4	415
4286885.563	242560.224	R125	1985	Rain Tree Trail	front	12	4	52	1748.8	<lod< td=""><td><lod< td=""><td>416</td></lod<></td></lod<>	<lod< td=""><td>416</td></lod<>	416
4286885.563	242560.224	R125	1985	Rain Tree Trail	front	24	5	53	1669	<lod< td=""><td><lod< td=""><td>417</td></lod<></td></lod<>	<lod< td=""><td>417</td></lod<>	417
4286887.918	242529.605	R126	1985	Rain Tree Trail	back	surface	1	54	502.8	<lod< td=""><td>277.2</td><td>418</td></lod<>	277.2	418
4286887.918		R126	1985	Rain Tree Trail	back	6	2	55	542.8	<lod< td=""><td><lod< td=""><td>419</td></lod<></td></lod<>	<lod< td=""><td>419</td></lod<>	419
4286887.918	242529.605	R126	1985	Rain Tree Trail	back	24	5		2579	122.6	375.4	420
4286910.101	242555.698	R127	1987	Rain Tree Trail	front	surface	1	57	339.8	<lod< td=""><td><lod< td=""><td>421</td></lod<></td></lod<>	<lod< td=""><td>421</td></lod<>	421
4286910.101	242555.698	R127	1987	Rain Tree Trail	front	6	2	58	417.2	<lod< td=""><td>191.6</td><td>422</td></lod<>	191.6	422
4286910.101	242555.698	R127	1987	Rain Tree Trail	front	12	. 4	59	478.4	<lod< td=""><td>294.6</td><td>423</td></lod<>	294.6	423
4286910.101	242555.698	R127	1987	Rain Tree Trail	front	12	4	59	478	<lod< td=""><td>295</td><td>423</td></lod<>	295	423
4286910.101	242555.698	R127	1987	Rain Tree Trail	front	24	5	60	429	<lod< td=""><td><lod< td=""><td>424</td></lod<></td></lod<>	<lod< td=""><td>424</td></lod<>	424
4286919.468	242534.656	R215	1987	Rain Tree Trail	back	surface	1	303	2068.8	86.2	<lod< td=""><td>849</td></lod<>	849
4286919.468	242534.656	R215	1987	Rain Tree Trail	back	6	2	304	1729.6	117.6	<lod< td=""><td>850</td></lod<>	850
4286919.468	 	R215	1987	Rain Tree Trail	back	12	4		3398.4	124.1	<lod< td=""><td>85</td></lod<>	85
4286919.468	242534.656	R215	1987	Rain Tree Trail	back	24	5	306	7545.6	393.4	<lod< td=""><td>852</td></lod<>	852
4286930.742		R216	1988	Rain Tree Trail	back	surface	1	307	227.6	<lod< td=""><td><lod< td=""><td>853</td></lod<></td></lod<>	<lod< td=""><td>853</td></lod<>	853
4286930.742	242600.043	R216	1988	Rain Tree Trail	back	6	1 2	308	123	<lod< td=""><td><lod< td=""><td>854</td></lod<></td></lod<>	<lod< td=""><td>854</td></lod<>	854
4286930.742	242600.043	R216	1988	Rain Tree Trail	back	12	1	309	744.4	<lod< td=""><td><lod< td=""><td>855</td></lod<></td></lod<>	<lod< td=""><td>855</td></lod<>	855
4286930.742	242600.043	R216	1988	Rain Tree Trail	back	24		310		<lod< td=""><td><lod< td=""><td>850</td></lod<></td></lod<>	<lod< td=""><td>850</td></lod<>	850
4286942.65	242535.60	01839	+	Rain Tree Trail					1549			527

Table 2
St Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per kiligram or parts per million

•		Sample	House		Location in	Sample Depth	Depth	XRF Reading				
UTM - Y	UTM-X	Number	No.	Street	yard	(inches)	Category	Number	Lead	Arsenic	Chromlum	Sort
4286939 76	242563.65	01838	1989	Rain Tree Trail			1 1		762			528
4287001 82	242564.71	08141	1993	Rain Tree Trail			1		479			525
4288983.68		01840	1993	Rain Tree Trail)	ļ	1		133			526
4286981.18	242675.44	01845	1994	Rain Tree Trail			1		77			521
4286963.66	242689.83	01844	1994	Rain Tree Trail	I		<u> </u>		92			522
4287029.347	242704.197	R117	1998	Rain Tree Trail	back	surface] 1	169	61.1	<lod< td=""><td><lod< td=""><td>382</td></lod<></td></lod<>	<lod< td=""><td>382</td></lod<>	382
4287029.347	242704.197	R117	1998	Rain Tree Trail	back	6) z	170	70.8	<lod< td=""><td><lod< td=""><td>383</td></lod<></td></lod<>	<lod< td=""><td>383</td></lod<>	383
4287029.347	242704.197	R117	1998	Rain Tree Trail	back	12		171	303.2	<lod< td=""><td>318.8</td><td>384</td></lod<>	318.8	384
4287029.347	242704.197	R117	1998	Rain Tree Trail	back	24	. 5	172	22	<lod< td=""><td><lod< td=""><td>386</td></lod<></td></lod<>	<lod< td=""><td>386</td></lod<>	386
4287040.426	242672.937	R118	2000	Rain Tree Trail	front	surface	1	173	110.4	<lod< td=""><td><lod< td=""><td>386</td></lod<></td></lod<>	<lod< td=""><td>386</td></lod<>	386
4287040.426	242672.937	R118	2000	Rain Tree Trail	front	6	2	174	21.3	<lod< td=""><td><lod< td=""><td>387</td></lod<></td></lod<>	<lod< td=""><td>387</td></lod<>	387
4287040.426	242672.937	R118	2000	Rain Tree Trail	front	12	4	175	26.5	<lod< td=""><td>315.6</td><td>386</td></lod<>	315.6	386
4287040.426	242672.937	R118	2000	Rain Tree Trail	front	24		176	0	<lod< td=""><td><lod< td=""><td>380</td></lod<></td></lod<>	<lod< td=""><td>380</td></lod<>	380
4287043.86	242699.83	X119	2000	Rain Tree Trail	1		1	· - -	59			497
4287043.86	242699.83	X120	2000	Rain Tree Trail	1		1		53			498
4287038.92	242695.39	X121	2000	Rain Tree Trail	1		1		3000			490
4287036.618	242693.394	R217	2000	Rain Tree Trail	south side yard	surface	1	311	95.5	<lod< td=""><td><lod< td=""><td>857</td></lod<></td></lod<>	<lod< td=""><td>857</td></lod<>	857
4287036.618	242693.394	R217	2000	Rain Tree Trail	south side yard	6	2	312	118.9	<lod< td=""><td><lod< td=""><td>856</td></lod<></td></lod<>	<lod< td=""><td>856</td></lod<>	856
4287036.618	242693.394	R217	2000	Rain Tree Trail	south side yard	12	4	313	139.8	23.2	<lod< td=""><td>856</td></lod<>	856
4287044.540	242632.360	R119	2001	Rain Tree Trail	back	surface	j 1	177	98.8	<lod< td=""><td><lod< td=""><td>39</td></lod<></td></lod<>	<lod< td=""><td>39</td></lod<>	39
4287044.540	242632.360	R119	2001	Rain Tree Trail	back	6) 2	178	163.8	<lod< td=""><td>325.8</td><td>39</td></lod<>	325.8	39
4287044.540	242632.360	R119	2001	Rain Tree Trail	back	12	1 4	179	156.7	<lod< td=""><td><pod< td=""><td>397</td></pod<></td></lod<>	<pod< td=""><td>397</td></pod<>	397
4287044.540	242632.360	R119	2001	Rain Tree Trail	back	24	1 :	180	121	<lod< td=""><td><lod< td=""><td>39:</td></lod<></td></lod<>	<lod< td=""><td>39:</td></lod<>	39:
4287083.641	242676.465	R59	2002	Rain Tree Trail	front	surface	1	387	40.6	<lod< td=""><td><lod< td=""><td>157</td></lod<></td></lod<>	<lod< td=""><td>157</td></lod<>	157
4287083.641	242676.465	R59	2002	Rain Tree Trail	front	6	2	386	66	<lod< td=""><td><lod< td=""><td>150</td></lod<></td></lod<>	<lod< td=""><td>150</td></lod<>	150
4287083.641	242676.465	R59	2002	Rain Tree Trail	front	12	1	389	118.8	<lod< td=""><td><lod< td=""><td>156</td></lod<></td></lod<>	<lod< td=""><td>156</td></lod<>	156
4287083.641	242676.465	R59	2002	Rain Tree Trail	front	24	i :	390	0	<lod< td=""><td><lod< td=""><td>160</td></lod<></td></lod<>	<lod< td=""><td>160</td></lod<>	160
4287188.995	242637.832	R218	2009	Rain Tree Trail	back	surface		314	57	<lod< td=""><td><lod< td=""><td>860</td></lod<></td></lod<>	<lod< td=""><td>860</td></lod<>	860
4287188.995	242837.832	R218	2009	Rain Tree Trail	back	6	}	315		20	<lod< td=""><td>88</td></lod<>	88
4287188.995	242637.832	R218	l .	Rain Tree Trail	back	12		316		<lod< td=""><td><lod< td=""><td>862</td></lod<></td></lod<>	<lod< td=""><td>862</td></lod<>	862
4287188.995	242637.832	R218	2009	Rain Tree Trail	back	24		317	20.1	< LOD	<lod< td=""><td>863</td></lod<>	863
4287220.716	242680.564	R219	2013	Rain Tree Trail	front	surface	†———·	318	111.3	<lod< td=""><td><lod< td=""><td>864</td></lod<></td></lod<>	<lod< td=""><td>864</td></lod<>	864
4287220.716	242680.564	R219		Rain Tree Trail	front	6	1	319		<lod< td=""><td><lod< td=""><td>865</td></lod<></td></lod<>	<lod< td=""><td>865</td></lod<>	865
4287220.716	242680.564	R219	2013	Rain Tree Trail	front	12		320		<lod< td=""><td><lod< td=""><td>886</td></lod<></td></lod<>	<lod< td=""><td>886</td></lod<>	886

Table 2 St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs ^{1,2}
Concnetrations shown in milligrams per kiligram or parts per million

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		Sample	House		Location in	Sample Depth	Depth	XRF Reading			1	
UTM - Y	UTM-X	Number	No.	Street	yard	(inches)	Category	Number	Lead	Arsenic	Chromium	Sort
4287220.716	242680.564	R219	2013	Rain Tree Trail	front	24	5	321	117.7	<lod< td=""><td><lod< td=""><td>867</td></lod<></td></lod<>	<lod< td=""><td>867</td></lod<>	867
4287247.395	242668.871	R220	2013	Rain Tree Trail	back	surface	1	322	57.1	<lod< td=""><td><lod< td=""><td>868</td></lod<></td></lod<>	<lod< td=""><td>868</td></lod<>	868
4287247.395	242668.871	R220	2013	Rain Tree Trail	back	6	2	323	40.7	<lod_< td=""><td><lod< td=""><td>869</td></lod<></td></lod_<>	<lod< td=""><td>869</td></lod<>	869
4287247.395	242668.871	R220	2013	Rain Tree Trail	back	12	4	324	29.5	<lod< td=""><td><lod< td=""><td>870</td></lod<></td></lod<>	<lod< td=""><td>870</td></lod<>	870
4287247.395	242668.871	R220	2013	Rain Tree Trail	back	24	5	325	30	<lod< td=""><td><lod< td=""><td>871</td></lod<></td></lod<>	<lod< td=""><td>871</td></lod<>	871
4287226.607	242743.894	R128	2017	Rain Tree Trail	front	surface	1	61	43.4	<lod< td=""><td><lod< td=""><td>425</td></lod<></td></lod<>	<lod< td=""><td>425</td></lod<>	425
4287226.607	242743.894	R128	2017	Rain Tree Trail	front	6	2	62	83.1	<lod< td=""><td><lod< td=""><td>426</td></lod<></td></lod<>	<lod< td=""><td>426</td></lod<>	426
4287226.607	242743.894	R128	2017	Rain Tree Trail	front	12	4	63	78.3	<lod< td=""><td><lod< td=""><td>427</td></lod<></td></lod<>	<lod< td=""><td>427</td></lod<>	427
4287226.607	242743.894	R128	2017	Rain Tree Trail	front	24	5	64	108	<lod< td=""><td>827.2</td><td>428</td></lod<>	827.2	428
4286573.93	242505.28	01843		Rain Tree Trail			1		9130			523
4286573.93	242510.91	01842		Rain Tree Trail			1		2021	_		524
4287055.644	242556.551	R131	2001	Ravenwood Drive	front	surface	1	69	46.5	<lod< td=""><td><lod< td=""><td>433</td></lod<></td></lod<>	<lod< td=""><td>433</td></lod<>	433
4287055.644	242556.551	R131	2001	Ravenwood Drive	front	6	2	70	79.4	<lod< td=""><td><lod< td=""><td>434</td></lod<></td></lod<>	<lod< td=""><td>434</td></lod<>	434
4287055.644	242556.551	R131	2001	Ravenwood Drive	front	12	4	71	76.4	<lod< td=""><td><lod< td=""><td>435</td></lod<></td></lod<>	<lod< td=""><td>435</td></lod<>	435
4287055.644	242556.551	R131	2001	Ravenwood Drive	front	24	5	72	52	<lod< td=""><td><lod< td=""><td>436</td></lod<></td></lod<>	<lod< td=""><td>436</td></lod<>	436
4287058.520	242519.789	R132	2001	Ravenwood Drive	back	surface	1	73	261.2	<lod< td=""><td><lod< td=""><td>437</td></lod<></td></lod<>	<lod< td=""><td>437</td></lod<>	437
4287058.520	242519.789	R132	2001	Ravenwood Drive	back	6	2	74	337.4	<lod< td=""><td><lod< td=""><td>438</td></lod<></td></lod<>	<lod< td=""><td>438</td></lod<>	438
4287058.520	242519.789	R132	2001	Ravenwood Drive	back	12	4	75	249.4	<lod< td=""><td>171.3</td><td>439</td></lod<>	171.3	439
4287058.520	242519.789	R132	2001	Ravenwood Drive	back	24	5	76	42	<lod< td=""><td><lod< td=""><td>440</td></lod<></td></lod<>	<lod< td=""><td>440</td></lod<>	440
4287036.705	242537.309	R229	2001	Ravenwood Drive	back	surface	1	337	115.8	<lod< td=""><td>1009.6</td><td>880</td></lod<>	1009.6	880
4287036.705	242537.309	R229	2001	Ravenwood Drive	back	6	2	338	88.1	<lod< td=""><td><lod< td=""><td>881</td></lod<></td></lod<>	<lod< td=""><td>881</td></lod<>	881
4287036.705	242537.309	R229	2001	Ravenwood Drive	back	12	4	339	247.8	<lod< td=""><td><lod< td=""><td>882</td></lod<></td></lod<>	<lod< td=""><td>882</td></lod<>	882
4287036.705	242537.309	R229	2001	Ravenwood Drive	back	24	5	340	16089.6	780.8	<lod< td=""><td>883</td></lod<>	883
4287029.662	242609.613	R221	2002	Ravenwood Drive	back	surface	1	329	111.8	<lod< td=""><td><lod< td=""><td>872</td></lod<></td></lod<>	<lod< td=""><td>872</td></lod<>	872
4287029.662	242609.613	R221	2002	Ravenwood Drive	back	6	2	330	113.8	<lod< td=""><td><lod< td=""><td>873</td></lod<></td></lod<>	<lod< td=""><td>873</td></lod<>	873
4287029.662	242609.613	R221	2002	Ravenwood Drive	back	12	4	331	146.5	<lod< td=""><td><lod< td=""><td>874</td></lod<></td></lod<>	<lod< td=""><td>874</td></lod<>	874
4287029.662	242609.613	R221	2002	Ravenwood Drive	back	24	5	332	123.5	<lod< td=""><td><lod< td=""><td>875</td></lod<></td></lod<>	<lod< td=""><td>875</td></lod<>	875
4287109.106	242532.512	R222	2005	Ravenwood Drive	back	surface	1	333	198.8	<lod< td=""><td><lod< td=""><td>876</td></lod<></td></lod<>	<lod< td=""><td>876</td></lod<>	876
4287109.106	242532.512	R222	2005	Ravenwood Drive	back	6	2	334	396	<lod< td=""><td><lod< td=""><td>877</td></lod<></td></lod<>	<lod< td=""><td>877</td></lod<>	877
4287109.106	242532.512	R222	2005	Ravenwood Drive	back	12	4	335	239.2	<lod< td=""><td><lod< td=""><td>878</td></lod<></td></lod<>	<lod< td=""><td>878</td></lod<>	878
4287109.106	· · · · · · · · · · · · · · · · · · ·	R222	2005	Ravenwood Drive	back	24	- 5	336	213.8	<lod< td=""><td><lod< td=""><td>879</td></lod<></td></lod<>	<lod< td=""><td>879</td></lod<>	879
4287184.625	242571.210	R223	2011	Ravenwood Drive	front	surface	1	341	26.8	18.6	<lod< td=""><td>884</td></lod<>	884
4287184.625	242571.210	R223	2011	Ravenwood Drive	front	6	2	342	39	<lod< td=""><td><lod< td=""><td>885</td></lod<></td></lod<>	<lod< td=""><td>885</td></lod<>	885
4287184.625	242571.210	R223	2011	Ravenwood Drive	front	12	4	344	30	<lod< td=""><td><lod< td=""><td>886</td></lod<></td></lod<>	<lod< td=""><td>886</td></lod<>	886

Table 2 St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs 1,2

Concnetrations shown in milligrams per kiligram or parts per million

	1	1.				i <u>-</u>		I				
UTM - Y	UTM-X	Sample Number	House No	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4287184.625		1	1	Ravenwood Drive	front	24	5	345	24.2	<lod< td=""><td><lod< td=""><td>887</td></lod<></td></lod<>	<lod< td=""><td>887</td></lod<>	887
4287219.338	ľ	L	2013	Ravenwood Drive	back	surface	1	346	198.8	<lod< td=""><td><lod< td=""><td>888</td></lod<></td></lod<>	<lod< td=""><td>888</td></lod<>	888
4287219.338		ı	2013	Ravenwood Drive	back	6	2	347	216	<lod< td=""><td><lod< td=""><td>889</td></lod<></td></lod<>	<lod< td=""><td>889</td></lod<>	889
4287219.338		1	2013	Ravenwood Drive	back	12	- -	348	308.6	<lod< td=""><td>542</td><td>890</td></lod<>	542	890
4287219.338		1	2013	Ravenwood Drive	back	24	5	349	132	<lod< td=""><td><lod< td=""><td>891</td></lod<></td></lod<>	<lod< td=""><td>891</td></lod<>	891
4287254.558	1	l .		Ravenwood Drive	back	surface	1	350	134.3	<lod< td=""><td><lod< td=""><td>892</td></lod<></td></lod<>	<lod< td=""><td>892</td></lod<>	892
4287254.558	1			Ravenwood Drive	back	6	2	351	134.6	<lod< td=""><td><lod< td=""><td>893</td></lod<></td></lod<>	<lod< td=""><td>893</td></lod<>	893
4287254.558	1	B .		Ravenwood Drive	back	12	- 4	352	103.4	<lod< td=""><td>606</td><td>894</td></lod<>	606	894
4287254.558	1			Ravenwood Drive	back	24	5	353	30	<lod< td=""><td><lod td="" −<=""><td>895</td></lod></td></lod<>	<lod td="" −<=""><td>895</td></lod>	895
4287310.995				Ravenwood Drive	front	surface	,	354	48.8	<lod< td=""><td><lod< td=""><td>896</td></lod<></td></lod<>	<lod< td=""><td>896</td></lod<>	896
4287310.995		1		Ravenwood Drive	front	6	2	355	56.6	<lod< td=""><td><lod< td=""><td>897</td></lod<></td></lod<>	<lod< td=""><td>897</td></lod<>	897
4287310.995		i .		Ravenwood Drive	front	12	1 4	356	41	<lod< td=""><td><lod< td=""><td>898</td></lod<></td></lod<>	<lod< td=""><td>898</td></lod<>	898
4287310.995		1		Ravenwood Drive	front	24		357	56.3	<lod< td=""><td><lod< td=""><td>899</td></lod<></td></lod<>	<lod< td=""><td>899</td></lod<>	899
4286479.836	1	1	1	Tessy Lane	south ravine	surface	1	309	988.8	<lod< td=""><td><lod< td=""><td>91</td></lod<></td></lod<>	<lod< td=""><td>91</td></lod<>	91
4286479.836	i		I	Tessy Lane	south ravine	4	1 2	310	1920	<lod< td=""><td><lod< td=""><td>92</td></lod<></td></lod<>	<lod< td=""><td>92</td></lod<>	92
4286479.836		1	i .	Tessy Lane	south ravine	8	1 3	311	1540	<lod< td=""><td><lod< td=""><td>93</td></lod<></td></lod<>	<lod< td=""><td>93</td></lod<>	93
4286479.836	1		1	Tessy Lane	south ravine	12		312	10195.2	268.6	<lod< td=""><td>94</td></lod<>	94
4286479.836				Tessy Lane	south ravine	18		313	3690	126.6	<lod< td=""><td>95</td></lod<>	95
4286501.957	1		1	Tessy Lane	back	2	1	314	75.3	<lod< td=""><td><lod< td=""><td>96</td></lod<></td></lod<>	<lod< td=""><td>96</td></lod<>	96
4286501.957		1		Tessy Lane	back	4		315	395	<lod< td=""><td><lod< td=""><td>97</td></lod<></td></lod<>	<lod< td=""><td>97</td></lod<>	97
4286501.957		1	1	Tessy Lane	back	a		318	1020	<lod< td=""><td><lod< td=""><td>98</td></lod<></td></lod<>	<lod< td=""><td>98</td></lod<>	98
4286501.957			1	Tessy Lane	back	12		317	988	<lod< td=""><td><lod< td=""><td>99</td></lod<></td></lod<>	<lod< td=""><td>99</td></lod<>	99
4286501.957			ı	Tessy Lane	back	24		318	597	52.9	<lod< td=""><td>100</td></lod<>	100
4286594.614				Unnamed Pond - shore		surface		336	6080	<lod< td=""><td><lod< td=""><td>115</td></lod<></td></lod<>	<lod< td=""><td>115</td></lod<>	115
4286589.437	1	1	i	Unnamed Pond - shore	1	surface	·	337	5868.8	<lod< td=""><td><lod< td=""><td>116</td></lod<></td></lod<>	<lod< td=""><td>116</td></lod<>	116
4286573.596	1	· -	ł	Unnamed Pond - shore	i	surface	1	338	2809.6	<lod< td=""><td><lod< td=""><td>117</td></lod<></td></lod<>	<lod< td=""><td>117</td></lod<>	117
4286574.205	1	1		Unnamed Pond - shore	Ì	surface		339	1329.6	<lod< td=""><td><lod< td=""><td>118</td></lod<></td></lod<>	<lod< td=""><td>118</td></lod<>	118
4286552.284	1	I .	1	Unnamed Pond - shore	1	surface	· —	340	5897.6	<lod< td=""><td><lod< td=""><td>119</td></lod<></td></lod<>	<lod< td=""><td>119</td></lod<>	119
4286584.572				Unnamed Pond - shore		surface] ,	341	830.4	<lod< td=""><td>₹LOD</td><td>120</td></lod<>	₹LOD	120
4286558.125			 	Unnamed Pond - shore		surface	l	342	30	<lod< td=""><td><lod< td=""><td>121</td></lod<></td></lod<>	<lod< td=""><td>121</td></lod<>	121
4286494.266		·	 	Woodland Park		surface		7	29.9	<lod< td=""><td>₹LOD</td><td>198</td></lod<>	₹LOD	198
4286494.266			<u> </u>	Woodland Park	t	6	1	<u> </u>		< LOD	<lod< td=""><td>199</td></lod<>	199
4286435.541		 -	1	Woodland Park		surface	<u> </u>			<lod< td=""><td><lod< td=""><td>200</td></lod<></td></lod<>	<lod< td=""><td>200</td></lod<>	200
4286435.541		 	t	Woodland Park		6	† <u>-</u>			<lod <<="" td=""><td><lod <lod< td=""><td>201</td></lod<></lod </td></lod>	<lod <lod< td=""><td>201</td></lod<></lod 	201

Table 2
St. Louis Smelting and Refining Company

Residential Sampling Locations and XRF Data including Historical Laboratory Data Analyzed by State Programs

Concnetrations shown in milligrams per kiligram or parts per million

UTM - Y	UTM-X	Sample Number	House No.	Street	Location in yard	Sample Depth (inches)	Depth Category	XRF Reading Number	Lead	Arsenic	Chromium	Sort
4286396.188	242030.651	R73		Woodland Park		surface	1	11	74.9	<lod< td=""><td><lod< td=""><td>202</td></lod<></td></lod<>	<lod< td=""><td>202</td></lod<>	202
4286396.188	242030.651	R73		Woodland Park		6	2	12	148.5	<lod< td=""><td><lod< td=""><td>203</td></lod<></td></lod<>	<lod< td=""><td>203</td></lod<>	203
4286398.286	242007.040	R74		Woodland Park		surface	1	13	47.5	<lod< td=""><td><lod< td=""><td>204</td></lod<></td></lod<>	<lod< td=""><td>204</td></lod<>	204
4286398.286	242007.040	R74		Woodland Park		6	2	14	45.1	<lod< td=""><td><lod< td=""><td>205</td></lod<></td></lod<>	<lod< td=""><td>205</td></lod<>	205
4286618.063	242080.166	R75		Woodland Park		surface	1	15	192.1	<lod< td=""><td><lod< td=""><td>206</td></lod<></td></lod<>	<lod< td=""><td>206</td></lod<>	206
4286618.063	242080.166	R75		Woodland Park		6	2	16	245.8	<lod< td=""><td><lod< td=""><td>207</td></lod<></td></lod<>	<lod< td=""><td>207</td></lod<>	207
4286620.218	241991.618	R76		Woodland Park		surface	1	17	180.8	<lod< td=""><td><lod< td=""><td>208</td></lod<></td></lod<>	<lod< td=""><td>208</td></lod<>	208
4286620.218	241991.618	R76		Woodland Park		6	2	18	284	<lod< td=""><td><lod< td=""><td>209</td></lod<></td></lod<>	<lod< td=""><td>209</td></lod<>	209
4286545.187	241905.310	R77		Woodland Park		surface	1	19	55.8	<lod< td=""><td><lod< td=""><td>210</td></lod<></td></lod<>	<lod< td=""><td>210</td></lod<>	210
4286545.187	241905.310	R77		Woodland Park		6	2	20	78.9	<lod< td=""><td><lod< td=""><td>211</td></lod<></td></lod<>	<lod< td=""><td>211</td></lod<>	211
4286611.500	241843.946	R78		Woodland Park		surface	1	21	54	<lod< td=""><td><lod< td=""><td>212</td></lod<></td></lod<>	<lod< td=""><td>212</td></lod<>	212
4286611.500	241843.946	R78		Woodland Park		6	2	22	30	<lod< td=""><td><lod< td=""><td>213</td></lod<></td></lod<>	<lod< td=""><td>213</td></lod<>	213
4286483.377	241809.697	R79		Woodland Park		surface		23	29.4	<lod< td=""><td><lod< td=""><td>214</td></lod<></td></lod<>	<lod< td=""><td>214</td></lod<>	214
4286483.377	241809.697	R79		Woodland Park		6	2	24	38	<lod< td=""><td><lod< td=""><td>215</td></lod<></td></lod<>	<lod< td=""><td>215</td></lod<>	215
4286370.363	241920.650	R80		Woodland Park		surface	1	25	43.1	<lod< td=""><td><lod< td=""><td>216</td></lod<></td></lod<>	<lod< td=""><td>216</td></lod<>	216
4286370.363	241920.650	R80		Woodland Park		6	2	26	79.1	<lod< td=""><td><lod< td=""><td>217</td></lod<></td></lod<>	<lod< td=""><td>217</td></lod<>	217

Notes 1 Data collected during the CERCLA Investigations and Analyzed under Federal Contract Laboratory Program not included

² Data includes soil samples obtained in common grounds near Unnamed Pond and in Woodland Park

^{3 &}lt;LOD indicates below level of detection for XRF Data

Table 3
CERCLA Reassessment Laboratory Analysis Results for Residential Soils

Sample Number :	ME00Q8	3	ME00Q9)	ME00R	<u> </u>	ME00R	-	ME00R	-	ME00R3		ME01G2	
Address	6 Pine La	ake Dr	4 Pine La	ake Dr	4 Pine L	ake Di			6 Cedar	Point				edder i.n
[Ī		1		ľ		Lake	Rd	i		CL		Back	ground
Sampling Location:	X101		X102		X103		X104		X105		X106		X115	
Matrix:	Soil		Soil .		Soll		Soil		Soil		Soil		Soil	
Units:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	-	mg/Kg		mg/Kg	
Date Sampled :	03/07/20	102	03/07/20	02	03/07/20	002	03/08/20	002	03/08/20	002	03/08/200)2	10/18/200	2
Time Sampled:	10:37		14:50		14:50		08:15		11:55		13:55	•	12:45	
%Solids :	71.1		72.7		72.6		79.6		75.7		60.9		88	
Dilution Factor:	1.0	•	1.0		1.0		1.0	-	1.0		1.0		1	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	4610		7970		6180		8050		6050		6940		5360	
ANTIMONY	\$55.0E	J	数4.90	J		J	38.8	J	1.3	J	1.0	UJ	0.27	J
ARSENIC	328.8		12.9		12.4		11.5		9.9		11.6		4.4	
BARIUM	250		359		349		317		110		150		246	J
RYLLIUM	0.52		0.84		0.68		0.75		0.53		0.92		0.4	J
CADMIUM	₹ 30.6		16.0		16.2°B		1.1		17.4%		9.0		1.2	J
CALCIUM	17700		15200		23500		32000		.55900°		# 0007E		3010	
CHROMIUM	10.5		13.4		9.9		13.4		10.7		17.3		9.2	7
COBALT	44.1	J	14.9	J	70.6	J	3.225 ∜∵	7	33.8	7	***	J	7.3	
COPPER	÷ 526 🛠		使70.8 数		#300a#		*321		≥ 58.6 6				11.6	
IRON .	30700		29400		28700		63100		16800		29500		9650	
LEAD	36700	J	₹ 6730 %	J	6550	J	6680	J	≉2730 →	7	389		122	J
MAGNESIUM	2170		4700		#4280		8350.		3720		数でも		1440	
ANGANESE	1220		616		592		780		1100		2030		747	
MERCURY	0.64		0.28		0.23		0.070		€ 0.57		0.090		0.08	
NICKEL	211		32.6		36.1		163		32.5		460		12.3	J
POTASSIUM	1180		1700		1330		2480		720		1210		795	J
SELENIUM	3.5		0.85		0.94		1.3		0.66	C	2.4		1.5	J
SILVER	10.9 0.37 J					J	0.28	٥	0.29	U	0.36	J	0.17	UJ
SODIUM	924 2490 25						5850	J	ୀ 160ି		± 1620≥		99.5	
THALLIUM	1.5 J 1.2 U					ט	2.6	J	1.1	Ü	1.4	U	0.52	Ŋ
NADIUM	16.8		23.0		19.3		17.4		22.0		28.1		17	
ZIIVC	775	J	∵3390≈	J	3970	J	10000	7	698	J	**1460	J	82.6	J
CYANIDE	0.40	J	0.060	UJ	0.060	UJ	0.050	UJ	0.050	UJ	0.070	UJ	0.13	

Notes: 1 Results for Background Location, X115, was collected during ESI

- 2 J Indicates estimated value
- 3 U Indicates analyte was not detected above reported sample quantitation limits
- 4 UJ Indicates analyte was not detected above reported sample quantitation limits (SQL) but SQL is approximate
- 5 16400 Indicates value above Illinois EPA TACO Residential Soil Corrective Action Objective
- 6 55 Indicates value is 3x background concentration (10x for estimated values)

Table 4 Metal Concentrations in Beach Sediment as Identified by X-Ray Fluorescence

	· -					М	etal Con	centrations	in mg/kg	as Identif	ied by X-F	lay Fluoresco	ence		,
			VD=	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Iron	Manganese	Chromium	Cadmium	Silver
Sample	Sample	Sample Location	XRF Reading					Ontario	Sediment	Screening	Benchm	arks			
Number	inches	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X232	Surface	Beach	54	77.5	<lod< td=""><td><lod< td=""><td>83.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>6489.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>83.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>6489.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	83.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>6489.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>6489.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>6489.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	6489.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X232	6	Beach	55	46.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15193.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15193.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15193.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>15193.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>15193.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>15193.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	15193.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X232	12	Beach	56	<lod< td=""><td><lod< td=""><td><lod< td=""><td>92.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18291.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>92.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18291.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>92.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18291.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	92.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18291.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18291.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18291.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	18291.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X233	Surface	Beach	57	41.8	<lod< td=""><td><lod< td=""><td>78.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4579.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>78.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4579.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	78.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>4579.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>4579.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>4579.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	4579.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X233	6	Beach	58	1269.6	<lod< td=""><td><lod< td=""><td>392.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9977.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>392.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9977.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	392.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>9977.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>9977.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9977.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	9977.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X233	12	Beach	59	196.9	<lod< td=""><td><lod< td=""><td>135.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13196.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>135.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13196.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	135.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13196.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13196.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13196.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	13196.8	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X234	Surface	Beach	60	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3148.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3148.8	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X234	6	Beach	61	45.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3379.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3379.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3379.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3379.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3379.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3379.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3379.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X234	12	Beach	62	84.4	<lod< td=""><td><lod< td=""><td>116.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9676.8</td><td>≺LOD</td><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>116.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9676.8</td><td>≺LOD</td><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	116.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>9676.8</td><td>≺LOD</td><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>9676.8</td><td>≺LOD</td><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9676.8</td><td>≺LOD</td><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	9676.8	≺LOD	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X235	Surface	Beach	63	42.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3788.8</td><td><lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3788.8	<lod< td=""><td>" <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	" <lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X235	6	Beach	64	49.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3099.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3099.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3099.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3099.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3099.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3099.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3099.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X235	12	Beach	65	<lod< td=""><td>40.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	40.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3788.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3788.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3788.8	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X236	Surface	Beach	66	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3120</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3120	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X236	6	Beach	67	48.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3568</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3568</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3568</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3568</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3568</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3568</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3568	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X236	12	Beach	68	125.9	<lod< td=""><td><lod< td=""><td>114.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15296</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>114.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15296</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	114.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>15296</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>15296</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>15296</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	15296	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X237	Surface	Beach	69 '	47.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4019.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4019.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4019.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>4019.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>4019.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>4019.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	4019.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X237	6	Beach	70	299.6	<lod< td=""><td><lod< td=""><td>101.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>101.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	101.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12294.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	12294.4	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X237	12	Beach	71	58	<lod< td=""><td><lod< td=""><td><lod< td=""><td><fod< td=""><td><fod< td=""><td><lod< td=""><td>16000</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></fod<></td></fod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><fod< td=""><td><fod< td=""><td><lod< td=""><td>16000</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></fod<></td></fod<></td></lod<></td></lod<>	<lod< td=""><td><fod< td=""><td><fod< td=""><td><lod< td=""><td>16000</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></fod<></td></fod<></td></lod<>	<fod< td=""><td><fod< td=""><td><lod< td=""><td>16000</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></fod<></td></fod<>	<fod< td=""><td><lod< td=""><td>16000</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></fod<>	<lod< td=""><td>16000</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	16000	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X238	Surface	Beach	72	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3089.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	3089.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X238	6	Beach	73	2040	<lod< td=""><td><lod< td=""><td>237.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11097.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>237.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11097.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	237.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11097.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11097.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11097.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	11097.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X238	12	Beach	74	280.4	<lod< td=""><td><lod< td=""><td>142.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14195.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>142.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14195.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	142.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14195.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14195.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14195.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	14195.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X239	Surface	Beach	75	90.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2659.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2659.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2659.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>2659.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>2659.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>2659.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<></td></lod<>	2659.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA.</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA.</td></lod<>	NA	NA.
X239	6	Beach	76	4988.8	<lod< td=""><td><lod< td=""><td>693.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>693.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	693.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	10400	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X239	12	Beach	77	342	<lod< td=""><td><lod< td=""><td>167.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11897.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>167.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11897.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	167.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11897.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11897.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11897.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	11897.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X240	Surface	Beach	78	47.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2760</td><td><lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2760</td><td><lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2760</td><td><lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>2760</td><td><lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>2760</td><td><lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>2760</td><td><lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	2760	<lod< td=""><td>, <lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	, <lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X240	6	Beach	79	1300	<lod< td=""><td><lod< td=""><td>426.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>426.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	426.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10400</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	10400	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X240	12	Beach	80	79.8	<lod< td=""><td><lod< td=""><td>95.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11795.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>95.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11795.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	95.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11795.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11795.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11795.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	11795.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X241	Surface	Beach	81	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>2360</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	2360	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X241	6	Beach	82	2809.6	<lod< td=""><td><lod< td=""><td>608</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8524.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>608</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8524.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	608	<lod< td=""><td><lod< td=""><td><lod< td=""><td>8524.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>8524.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8524.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	8524.8	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X241	12	Beach	83	106.2	<lod< td=""><td><lod< td=""><td>86.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11398.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>86.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11398.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	86.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11398.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11398.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11398.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	11398.4	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X242	Surface	Beach	84	47	<lod< td=""><td><lod< td=""><td><lod< td=""><td><fod< td=""><td><lod< td=""><td><lod< td=""><td>2609.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></fod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><fod< td=""><td><lod< td=""><td><lod< td=""><td>2609.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></fod<></td></lod<></td></lod<>	<lod< td=""><td><fod< td=""><td><lod< td=""><td><lod< td=""><td>2609.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></fod<></td></lod<>	<fod< td=""><td><lod< td=""><td><lod< td=""><td>2609.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></fod<>	<lod< td=""><td><lod< td=""><td>2609.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>2609.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	2609.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X242	6	Beach	85	53.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10899.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10899.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10899.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10899.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10899.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10899.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	10899.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X242	12	Beach	86	63.1	<lod< td=""><td><lod< td=""><td>95.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>95.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	95.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	13094.4	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA

Notes

¹ NA - Soil not analyzed for metal 2 < LOD - Metal is below level of detection

Table 5
Description of Pine Lake Surface Water Samples Submitted for Lab Analysis

Sample Location	Sample Depth in Feet ¹	Sample Description	Sample Location Description	Total Water Depth at Location in Feet ²	Laboratory Analysis
S201 A	0.5	clear, slight tan color	south end of lake, 60 feet		Total matala comivalatiles posticida
S201 B	7	clear, slight tan color	north of dam	14	Total metals, semivolatiles, pesticide, PCBs
S201 C	13	clear, dark brown, sulfur odor			
S202 A	0.5	clear, slight tan color			
S202 B	3.4	clear, slight tan color	south side of swimming dock	7.4	Total metals, semivolatiles, pesticide, PCBs
S202 C	6.4	clear, slight tan color			, i CDs
S202 CD	6.4	clear, slight tan color	south side of swimming dock	7.4	Dissolved TAL Metals
S203 A	0.5	clear, slight tan color	south end of west finger of	5.08	Total metals, semivolatiles, pesticide,
S203 B	4	clear, slight tan color	lake	3.00	PCBs
S204 A	0.5	clear, slight tan color	north end of west finger of	2.83	Total metals, semivolatiles, pesticide,
S204 B	1.5	clear, slight tan color	lake	2.03	PCBs
S205 A	0.5	clear, slight tan color	middle finger of lake	3.75	Total metals, semivolatiles, pesticide,
S205 B	2.5	clear, slight tan color	middle iniger of lake	3.73	PCBs
S206 A	0.5	clear, slight tan color	east finger of lake, near	2.25	Total metals, semivolatiles, pesticide,
S206 B	1.5	clear, slight tan color	historic discharge	2.25	PCBs
S206 BD	1.5	clear, slight tan color	east finger of lake, near historic discharge	2.25	Dissolved TAL Metals
S207	0.5	clear, slight tan color	Duplicate of S206 A	2.25	Total metals, semivolatiles, pesticide, PCBs

Notes: 1 Depth in feet below water's surface

2 Depth in feet below water's surface at sample location

Table 6
Pine Lake Surface Water Samples
Expanded Site Investigation
TCL Total and Dissolved Metal Analysis

Sample Number :	ME01C5		ME01C6		ME01C7	_	ME01C8	\neg	ME01C9		ME01D0	ME01D1	_	ME01D2	TN	Æ01D3	ME	1D4	TMEO	105	ME01D6	ME01D7	ME01D8	ME01D9	ME01E0	ME01E2	ME01E1
Sampling Location :	5201A		S201B		S201C		S202A	- 1	S202B		S202C	S202CD		5203A	s	203B	S20	4B	5204	A	FIELD BLANK	S205A	S205B	S206A	S206B	S206BD	S207
Matrix:	Water		Water		Water		Water	- 1	Water		Water	Water		Water		Vater	Wat	_	Wate	x	Water						
Analysis:	Total Me	tals.	Total Met	ats	Total Met	ats.	Total Meta	es i	Total Meta	aks	Total Metals	Dissolved	Mete	Total Metal	s To	otal Metals	Tota	Metals	Total	Metals	Total Metals	Total Metals	Total Matais	Total Metals	Total Metals	Dissolved Me	Total Metals
Units:	ug/L		ug/L		UO/L	_	υα/L	- 1	ug/L		ug/L	ug/L		ug/L	i lu	a/L	Lugh		UG/L		ua/L	uo/L	up/L	WO/L	ug/L	Ug/L	up/L
Date Sampled :	07/29/20	02	07/29/20	02 I	07/29/20	02	07/29/200	n2	07/29/200	02	07/29/2002	07/29/20	02	07/29/2002	2 0	7/29/2002	07/2	9/2002	07/21	V2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/20/2002	07/29/2002	07/28/2002
Time Sampled :	10.00		10:30	İ	10:54		11:35	- 1	11:40		12:00	12:00		12:45	٠ŀ٠	2:55	13:2	:5	13:1	5	14:30	14:15	14:20	15:05	15:20	15:20	15:10
%Solids :	0.0		0.0		0.0		0.0		0.0		0.0	0.0		0.0	٥	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dilution Factor:	10		10		1.0		1.0	1	1.0		1.0	1.0		1.0	_11	.0	1.0		1.0		1.0	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	Result F	iag i	Result Fla	g Re	suit Fla	g Res	ult Flag	Result Flag	Result Fis	Result Flag	Result Flag	Result Fla	Result Flag	Result Flag
ALUMINUM	40.0	U	77.7		55 4		70.0	U	88.7	J	58.5 J		U	40.0		70.0 J		9.8 J		0.0 U	40.0 U	40.0 U	40.0 U	65.3 J	106 J	40.0 U	40.0 U
ANTIMONY	28.7	U	28.7	J	28 7	U		U	32 2		28.7 U	28.7	U	28.7 L		33.7	3	4.2	2	3.7 U	28.7 U	28.7 U	28.7 U	28.7 U	28.7 U	28.7 U	28.7 U
ARSENIC	25		3 5		26	L_		U	34	L.,	20 U	34		2.0	<u> </u>	4.0	_	2.0 U		2.0 U	2.0 U	3.2	2.2	2.7	2.0 U	2.0 U	2.7
BARIUM	71 1	ı	76 3	J	171	J	716		73 5	,	749 J	63.9	3	71.4		71.1 J	_	02 J	_	0.2 J	1.0 UJ	69.7 J	69.1 J	72.4 J	74.0 J	63.4 J	73.6 J
BERYLLIUM	10	U	10	ט	10	u_		n'	10	_	10 U	1.0		1.0		1.0 U	-	10 U	_	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
CADMIUM	0 30	u	0 30	U	0.30	<u>u</u>	0 30	Ų.	0 30	٦	0.30 U	0.30	U	0.30	_	0.30 U		30 U	_	30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
CALCIUM	65600		66200		69700	L	85800		65900		66300	63600		65600	_	64400	_	600	650	_	23.6 U	64600	64200	63300	66900	65700	64900
CHROMIUM	26	U	2.6	U		υ		U	26	2	2.6 U	2.6		26 1		2.6 U		2.6 U	\rightarrow	2.6 U	3.8	2.6 U	2.6 U	2.6 U	2.8 U	2.6 U	2.6 U
COBALT	5 1	U		U.	51	l u	5.1	Ų.		U	51 U	5.1	_	5.1		5.1 U	4-	5.1 U	_	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U
COPPER	60	 	6.7		87	├	31	U.	60		7.3	3.1	_	3.1	<u> </u>	8.7	4	8.0	_	5.3	3.1 U	3.1 U	8.0	6.0	7.3	3.1 U	4.7
IRON	14.2	Ų	68 2	J	67.2	11	38 9	1	44 2	1	76.4 J	14.2	_	162	_	56.9 J	_	116 J	_	7.0 J	14.2 U	42.1 J	147 J	65.1 J	86.6 J	22.3 J	29.3 J
LEAD	14.4	_	12.7		160	↓	104	-	123	L	14.4	1,5	۲	9.3	_	13.1	_	11.0		9.2	1.5 U	13.5	18.6	27.2	30.3	1.5 U	30.5
MAGNESIUM	28100	L	26300		29100	 	28200		28300	╙	28400	27300	_	28100		27600		700	270	_	32.4 U	27800	27600	27200	28800	26200	28000
MANGANESE	281	↓_	522		5840	↓	250		275	ļ	434	62.5		263		311	\rightarrow	273	_	62	1.1 U	260	278	259	274	13.2	265
MERCURY	0 10	+	0.10	υ	0.10	+	0.10	υ	0.10	U	0.10 U	0.10	_	0.10	<u>u</u>	0.10 U).10 U		.10 U	0,10 U	0.10 U					
NICKEL	115	U	11.5	U	11.5	U	11.5	U	115	<u> </u>	11.5 U	11.5	U	11.5	Ų ļ	16.5		11.5 U		1.5 U	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U
POTASSIUM	3730	_	4030		4070	ļ	3980		3880	╙	3710	3750		4000		3570	13	760	\rightarrow	20	385 U	3610	4000	3800	3790	3670	3770
SELENIUM		u_	1.6	U	1.6		1.6	U	1.6	1 "	1.6 U	1.6	1	2.0		1.6 U		1.6 U	_	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.8 U	1.6 U
SILVER	28	U		٧	2.8	U		U	28	<u> </u>	2.8 U	2.8	_	2.8		2.6 U		2.8 U		2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
SODIUM	26800	11	26800	_	27800	14	27100	<u>.</u>	27000	1	27200 J	26100	_	26900	-	26300 J	20	500 J	26		53.7 J	26700 J	26500 J	28100 J	27600 J	27000 J	26900 J
THALLIUM	29	-	2.9	U	2.9		2.9		29	U.	2.9 U	2.9		2.9	ᆚ	2.9 U	—	2.9 U	_	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
VANADIUM	36	U		U	3.6		3.6	U	56	L	3.6 U	3.6		4.1		4.1	٠	5.2		3.6 U	3.6 U	3.6 U	4.1	3.6 U	5.6	4.4	3.6 U
ZINC		U	2.2		2.2		9.4	$oxed{oxed}$	22	Ų.	6.4	2.2	٦		ᆚ	7.7		2.2 U		2.2 U	8.6	2.2 U	2.2 U	2.2 U	2.8	2.2 U	2.2 U
CYANIDE	17	1	2.0	J	1,4	Ιı¯	2.0	J	16	J_	2.2 J			2.3	J L	2.0 J		1.8 J	L	2.5 J	1.2 J	1.6 J	3.5 J	2.4 J	2.6 J		2.2 J

Notes: 1 J - Indicates estimated value
2 U - Indicates analyte was not detected above reported sample quantitation limits
3 UJ - Indicates analyte was not detected above reported sample quantitation limits (SQL) but SQL is approximate



Pine

	· 7
ie	Lake Analystica. Jurface Water Samples
	Semivolatile Organic Compagunds

				Two can	1-2-22	50150	50450	1 50450	150450	50101	F==-=	12232					·
Sample Number :	E01C5		E01C6	E01C7	E01C8	E01C9	E01D0	E01D2	E01D3	E01D4	E01D5	E01D6	E01D7	E01D8	E01D9	E01E0	E01E1
Sampling Location :	S201A		S201B	\$201C	S202A	S2028	\$202C	S203A	\$203B	S204B	S204A	FIELD BLANK	S205A	S205B	S206A	S206B	S207
Matrix	water		water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Units .	ug/L		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Date Sampled	07/29/20	002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/29/2002	07/28/2002
Time Sampled ,	10 00		10 30	10 54	11 35	11 40	12 00	12 45	12 55	13:25	13:15	14:30	14:15	14:20	15:05	15:20	15:10
%Moisture	N/A]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.	0 0		00	0.0	00	00	00	00	00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dilution Factor :	10	÷.	10	10	1.0						1.0	1.0	1.0	1.0	1.0	1.0	1.0
Semivolatile Compound		Flag	Result Flag			Result Flag	Result Flag			Result Flag			Result Flag			Result Flag	
Benzaldehyde	10	υ:	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	10	_	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis-(2-Chloroethyl) ether	10		10 U	10 U	10 U	10 0	10 U	10 U	10 0	10 U	10 0	10 U	10 U	10 0	10 U	10 U	10 0
2-Chlorophenol	10		10 U	10 0	10 0	10 U	10 U	10 U	10 U	10 0	10 U	10 U	10 U	10 0	10 0	10 U	
2-Methylphenol	10		10 U	10 0	10 0	10 U	10 U	10 0	10 U	10 0	10 U	10 U	10 0	10 U	10 0	10 U	
2,2'-oxybis(1-Chloropropane)	10		10 U	10 0	10 0	10 U	10 0	10 U	10 0	10 U	10 U	10 U	10 0	10 U	10 0	10 0	10 U
Acetophenone	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	
4-Methylphenol	10		10 U	10 U	10 0	10 U	10 0	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	_	10 U	10 U	10 0	10 0	10 U	10 U	10 0	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 0
Hexachloroethane Nitrobenzene	10		10 U	10 0	10 0	10 0	10 U	10 U	10 U	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 0
Isophorone	10		10 U	10 0	1000	10 U	10 0	10 U	10 0	10 U	10 U	10 U	10 U	10 0	10 U	10 0	10 0
2-Nitrophenol	10		10 U	10 U	10 0	10 U	10 U	10 U	10 0	10 U	10 U	10 U	10 U	10 0	10 U	10 U	10 0
2,4-Dimethylphenol	10	_	10 U	10 U	10 0	10 U	10 U	10 U	10 0	10 U	10 0	10 U	10 U	10 U	10 0	10 U	1 10 0
bis(2-Chloroethoxy)methane		_	10 U	10 U	10 U	10 U	10 U	10 U	10 0	10 0	10 U	10 U	10 U	10 0	10 0	10 0	10 0
2.4-Dichlorophenol	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 0
Naphthalene	10		10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 0	10 U	10 0	10 0
4-Chloroaniline	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 0	10 U	10 0	10 U
Hexachlorobutadiene	10	Ü	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Caprolactam	10	Ū	10 U	10 U	10 U	2 1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	10	Ü	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
1,1'-Biphenyl	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline			25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Dimethylphthalate	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	25	U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acenaphthene	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol		υJ	25 UJ	25 UJ		25 UJ	25 UJ	25 UJ	25 UJ	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol	25		25 U 10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Dibenzofuran	10	_	10 U	10 U	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene		U	10 0	.0 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalale	10	_	10 0	10 U	10 U	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		Ü	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 0	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenyl ether 4-Nitroaniline	25	 -	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	10 U		10 U	10 U
4.6-Dinitro-2-methylphenol	25		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	25 U	25 U
N-Nitrosodiphenylamine 4-Bromophenyl-phenylether		l ü-	10 0	10 U	10 0	10 U	10 U	10 U	10 U	10 0	10 U	10 0	10 U	10 U	10 0	10 U	10 U
Hexachlorobenzene		l ü	10 0	10 U	10 0	10 U	10 0	10 0	10 U	10 0	10 U	10 U	10 0	10 U	10 U	10 U	10 U
Alrazine	10		10 U	10 0	10 0	10 U	10 0	10 U	10 0	10 U	10 U	10 U	10 0	10 U	10 0	10 0	10 U
Pentachiorophenoi	25		25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	10 U
Phenanthrene	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U
Anthracene	10		10 U	10 U	10 0	10 U	10 0	10 0	1 10 0	10 0	10 0	10 0	10 U	10 0	10 U	10 0	10 U
Carbazole	10		10 U	10 U	10 0	10 U	10 0	10 0	10 0	10 0	10 0	10 U	10 0	10 0	10 U	10 0	10 0
Di-n-bulylphthalate		Ü	10 UJ	10 UJ		10 UJ	10 0	10 0	10 03	10 0	10 0	10 0	10 0	10 0	10 0	10 0	10 0
							<u>~_</u>	<u> </u>			100	.0100	1 101 00	1,010	1	1 .01 00	

Table 7
Pine Lake Analystical Surface Water Samples
Semivolatile Organic Compaounds

Sample Number	EOICS	-	E01C6	٠ 1	E01C7		E01C8		EOICO		EOIDO		E01D2	!	E01D3		E0104		E01D6		E0106		E0107	П	20100		£0109		COICO	7	20121	
Sampling Location	3201A		3201B	- 1	\$201C		5202A		8202B		5202C		8203A		52038		82048		8204A		FIELD (BLANK	8206A	[8	3206B		8206A		62068		8207	
Matrix	Water		Water	- 1	Water		Water		Water		Water		Water		Water		Water		Water		Water	1	Water	١,	Meter		Water		Weter		Water	
Units	u g∕L		ug/L	ı	ug/L		ug/L		ug/L		ug/L		ug/L	- 1	ug/L		ug/L		ug/L		ugr		ug/L	ا	John J		ug/L		ug/L		ug/L	
Date Bampled	07/29/2	1002	07/29/200)2	07/24/20	002	07/29/20	002	07/29/2	003	07/29/20	202	07/79/200	12	07/29/2	003	07/29/20	202	07/29/2	002	07/29/2	002	07/29/2002	١ļ٥	07/20/20	202	07/20/20	02	07/29/2	002	07/20/2	2002
1ime Sampled	10 00		10 30	- 1	10 54		11 36		11 40		12 00		12 45	- 1	12 66		13 26		13 18		14 30		14 16		14 20		15.05	1	16 20		16 10	- 1
16Moisture	N/A		NVA	- 1	N/A		N/A		N/A		NIA		N/A		NVA		NA		NA		NVA		NA		UA		NA		NA		N/A	1
рH	00		00	- 1	0 0		0.0		0.0		00		00		00		00		00		00		0.0	- 10	0 0		00		00		00	J
Dilution Factor	10		10	.	10		10		10		10 .		10	10 10 lag Result Flag Result Fla			10		10		10		10		10		10		10			
Semivolatile Compound	Result	Flag	Result	40	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Pel	Result	Flag	Result	Flag	Result	Plag	Result	Flag	Result Fle	9	Result	Flag	Result	Fleg	Result	700	Result	Treg
Fluoranthene	10	U	10	_	10	-	_	υ		ļυ	10	-	101			U	10	_	10	U		٥	10 U		10	_	10			U		U
Pyrene	10	U	10 1	υį	10	υ	10	-		U	10	_	10 1	- 1		U	10	U	10	U		U	10 U		10		10		10	U		U
Butylbenzylphthalale	10	U	10 1	ا ر ا	10	-	10			U	10	_	10 1	_		U	10	_		U	10	_	10 U		10		10	_		U		Ü
3,3'-Dichlorobenzidine	10	U	10 1	ן י	-	U	10	I -		U	10	-	10 1	- 1		U	10	-	1	U		U	10 U		10		10			U		U
Benzo(a)anthracene	10	U	10 1	· 1	10	1 -	10	_		U	10	-	10 4	_		U	10	_	1	U		Ü	10 U		10	_	10			U		U
Chrysene	10	U	10 1	υļ	10	υ	10	ļυ	10	U	10	U	10 0	-		U	10	U		U	_	U	10 U		10	_	10			U		υ
bis(2-Ethythexyl)phthalate) 6	J	2 .	,	2	J	١ ١	ļ	1	١٦	1	J	1 -	-		J] 2	J		ı	2		1 1	[_	1		10			J		1
Di-n-octylphthalate	10	U	10 0	- 1	10	_	10	l -		ļυ	10		10 1			U	10	_		U	1	U	10 U		10		10			U		U
Benzo(b)fluoranthene	10	U	10 (- 1	10	-	10	-	•	U	10	-	10 1	_		U	10	-	1	U		U	10 U		10		10			υ		U
Benzo(k)fluorenthene	10	ļυ	10 1	ا د	10	_	10			U	10	-	10 1	-		U	10	_		U		U	10 U		10	-	10			U		U
Benzo(a)pyrene	10	ļυ	10 1	- 1	10	1 -	10			U	10	-	10 1			U	10	_		U		U	10 U		10		10			U		Ü
Indeno(1,2,3-cd)pyrene		U	10 1	- 1		υ	10	_		U	10	-	10	-		U	10	_	10		10	-	10 U		10	_	10			٧		C
Dibenzo(a,h)unthracene		U	10 1	- 1	10		10			U	10	_	10 1	-		U	10	_	10	-	10		10 U		10		10			Ų		U
Benzo(g,h,i)perylene	10	U	10 1	<u> </u>	10	U	10	<u> </u>	10	U	10	U_	10	U	10	U	10	U	1 10	U	10	U	10 U		10	٥	10	U	10	ן ט	10	טו

Notes: 1 J - Indicates estimated value

2 U - Indicates analyte was not detected above reported sample quantitation limits
3 UJ - Indicates analyte was not detected above reported sample quantitation limits (SQL) but SQL is approximate

Table 8

Analytical Results for Pine Lake Surface Water Samples
Pesticide and PCB Analysis Results

Sample Number .	E01C5	_	E01C6		E01C7		E01C8		E01C9		E01D0		E01D2	- 1	E01D3	_	E01D4		E01D5		E0106	_	E01D7		E0108		E01D9		E01E0		E01E1	
1 ' '	S201A		S201B		S201C		S202A		S202B		\$202C		S203A	- 1	S203B	ı	S204B	- 1	S204A		FIELD BL		S205A		S205B		S206A		S206B		S207	- 1
Sampling Location	Water		Water		Water	1	Water		Water	1	Water		Water		Water	1	Water		Water	- 1	Water	~""	Water	- 1	Water		Water	1	Water		Water	ı
Mainx	1.		ua/L	ı	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	-	ug/L		ug/L				ug/L	i				- 1		- 1		- 1
Units	ug/L 07/29/20		07/29/20	,, I	07/29/20	, ₀₂	07/29/20		07/29/200	,, I	07/29/20	^2	07/29/20	ດວ	07/29/20		07/29/20		07/29/20		ug/L 07/29/200	., I	07/29/20	<u>,, 1</u>	ug/L 07/29/20		ug/L 07/29/20	<u>"</u>	ug/L 07/29/20	<u>"</u> l	ug/L 07/28/20	1
Date Sampled		002		"	10 54	,O2	11 35	102	11.40	"	12 00	02	12 45	UZ	12:55	V2	13:25	۷2 ا	13:15	٧2		'		^س ا ا		U2	15:05	⁰²		<u>ا</u> 2	15:10	⁰²
Time Sampled	10 00		10 30	1																	14:30	l	14:15	- 1	14:20			1	15:20	- 1		1
%Moisture	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	ľ	N/A		N/A	1	N/A		N/A	1
pH:	70		7.0		70		7.0		70		70 10		70		7.0		7.0		7.0	į	7.0		7.0		7.0		7.0	- 1	7.0		7.0	1
Dilution Factor	10		10		1.0	-	10	- 21	1.0	6)			1.0	-	1.0		1.0	-	1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	Result	Flag		Flag	Result	Flag	Result	Flag		Flag	Result	Flag	Result			Flag	_	Flag		Flag		Flag		Flag		Flag		Flag		Flag	Result	
alpha-BHC	0.010	υJ	0 050	U	0.050	R	0.050	U		w	0 0060	ŲJ	0 0070	υJ		UJ	0.0090	w		UJ		υJ		UJ	0.0070			υJ	0.0060	υJ	0.0070	W
beta-BHC	0 050	Ų	0 000	U	0.050	R	0.050	U		U	0 050	<u>U</u>		U		U		UJ		w	0.040	J		w		3	0.050	IJ	0.050	W	0.018	1
delta-BHC	0 0 1 3		0 050	<u>U</u>	0 050	R	0.050	υ	0.0070	ᆚ	0 011	j	0 0090	J	0.013	-	0.012	J	0.015	J	0.064		0.032	1	0 024	J	0.031	J	0.024	J	0.028	J
gamma-BHC (Lindane)	0 0 1 7	J	0 0040	J	0 15	J	0 0040	J	0 010		0.012	J	0.016	J	0.019	J	0.018	J	0.015	J	0.0080		0.024	J	0.021	J	0.023	J	0.028	J	0.023	J
Heptachlor	0 034	J	0.0050	J	0 050	R	0 0080	7		1	0.028	J	0 019	<u> </u>	0.031	J	0.031	J	0.042	J	0.13		0.079	J	0.064		0.081	J	0.059	J	0.077	J
Aldrin	0 0080	J	0 050	U	0 050	R	0 0040	J	0 050 j		0.050	υ	0.0070	J	0.0070	j	0.0060	J	0 0060	J	0.018	J	0.013	J	0.0090	7	0.0070	J	0.0090	J	0.011	J
Heptachlor epoxide	0 0060	υ,	0 0020	ÜJ	0 050	R	0 0080	Ų.J	0 0020	w	0.0030	ŲJ	0 0060	UJ	0 0050	IJ	0.0060	W	0.0060	IJ	0.030	W	0.018	IJ	0.014	W	0.013	IJ	0.012	ΩJ	0.016	Ŵ
Endosulfan I	0 050		0 050	Ų.	0 050	R	0 050	ט	0 050	U	0 050	U	0.050	Ų	0 050	٥	0 050	น	0.050	٤	0.0080	J	0.050	υJ	0 050	W	0.050	٤	0.050	UJ	0.050	W
Dielonn	0 013	7	0 10	U	0 10	R	0 10	٦	0 10	U	0 014	J	0 0070	J	0.012	J	0.012	٦	0.011	_	0.041	j	0.028	J	0.020	J	0.022	۲	0.017	J	0.023	J
4,4'-DDE	0 0040	-	0 10	U.	0 10	R	0 10	5	0 10	U	0 0060	J	0 0040	J	0.0080	J	0 0050	J	0.0070	-	0.029	J	0.018	j	0 014	J	0.012		0.012	7	0.0090	J
Endrin	0 10	C	0 10	U	0 10	R	0 10	J	0.10	U	0 10	U	0.10	C	0.10	U	0.10	۶	0.10	IJ	0.10	U	0.10	IJ	0.10	IJ	0.0030	۲	0.10	IJ	0.0040	J
Endosultan II	0 0040	J	0 10	U	0 10	R	0 10	٥	0.10	U	0 10	U	0.10	C	0.0060	J	0 0040	J	0.0040	J	0.028	J	0.017	J	0.014	J	0.010	J	0.013	7	0.013	J
4,4'-DDD	0 0040	J	0 10	Ū	0 10	R	0 10	٥	0 10	U	0 10	U,	0.10	C	0.0050	J	0.0090	J	0.10	υJ	0.0090	J	0.012	J	0.010	J	0.0060	J	0.0060	7	0.0070	·J
Endosulfan sulfate	0 10	U	0 10	U	0 10	R	0 10	٥	0 10	U	0 10	Ú	0.10	C	0 10	5	0.10	UJ	0.10	υJ	0.014	J	0.017	J	0.013	J	0.0020	J	0.016	1	0.014	J
4,4'-DDT	0 0070	S	0 0050	υJ	0 10	R	0 10	ے	0 10	U	0 10	U	0.10	Ų	0.0050	υJ	0 0040	S	0.0090	IJ	0.053	J]	0.034	J	0.013	1	0.025	۲	0.0090	2	0.0090	IJ
Methoxychlor	0 50	c	0.50	U	0 50	R	0.50	U	0 50	u	0 50	U	0.50	U	0.50	U	0.50	۶	0.50	٤	0.50	v	0.50	Ü	0.50	IJ	0.50	٤	0.50	IJ	0.50	W
Endrin kelone	0 10	Ų	0 10	v	0 10	R	0 10	c	0 10	U	0 10	U	0 10	C	0.10	U	0.10	S	0.10	UJ	0.0020	J	0.10	C.	0.10	ÜJ	0.10	C)	0.10	3	0.10	W
Endrin aldehyde	0 017	UJ	0 010	UJ	0 10	R	0 0060	Ü	0 0050	UJ	0 020	ÚĴ	0.0090	S	0 016	UJ	0.013	Ü	0.015	UJ	0.21		0.082	ü	0.042	ŲJ	0.064	ເນ	0.042	3	0.059	UJ
alpha-Chlordane	0.050	U	0 050	U	0 050	R	0.050	U	0 050	U	0.050	U	0.050	C	0.050	_	0.050	IJ	0.050	UJ	0.0090	7	0.0070	3	0.0070	J	0.0030	J	0.0050	7	0.0050	J
gamma-Chlordane	0 0080	υJ	0.013	UJ	0.050	R	0 015	IJ	0 0040	UJ	0 0040	UJ	0.010	UJ	0.041	7	0.0040	IJ	0.027	UJ	0.010	IJ	0.0060	3	0 050	w	0.0050	IJ	0.0040	3	0.0060	w
Toxaphene	50	J	5.0	U	5.0	R	50	υ	50	ū	50	U	50	U	50	U	50	ij.	5.0	w	5.0	U	5.0	3	5.0	B	5.0	3	5.0	3	5.0	UJ
Aroc or-1016	10	U	10	U	1.0	R	1.0	٦	10	U	10	U	1.0	C	10	υ	1.0	UJ	1.0	W	1.0	Ü	10	UJ	1.0	ÜJ	1.0	IJ.	1.0	W.	1.0	UJ
Arocior-1221	20	U	2.0	U	2.0	R	20	C	2.0	U	20	U	2.0	U	2.0	U	2.0	UJ	2.0	IJ	2.0	Ü	2.0	W	2.0	IJ	2.0	UJ	2.0	IJ	2.0	w
Arocior-1232	10	U	1.0	u 	10	R	10	Ü	1.0	U	10	Ü	1.0	Ü	1.0	υ	1.0	UJ	1.0	ŲJ.	1.0	υ I	1.0	ÜĴ	1.0		1.0	Ü		UJ		Ü
Aroc or-1242	10	Ū	1.0	u l	10	R	1.0	U	10	U 	10	U	1.0	υH	1.0	U	1.0	IJ	1.0	w	1.0	اس	1.0	UJ	1.0		1.0		1.0	UJ		ů,
Arocior-1248	10	Ū	1.0	U I	1.0	R	1.0		1.0	U	10	Ü	1.0		1.0	_	1.0		1.0		1.0		1.0		1.0		1.0		1.0	UJ		w
Arocior-1254	10	Ü	1.0	u 1	1.0	Ř	1.0	U	1.0	u l	10	U	1.0	U	1.0		1.0			w	1.0		1.0	$\overline{}$	1.0		1.0		1.0	IJJ		w
Aroclor-1260	10	انا	1.0		10		10	_	1.0		10		1.0	-	1.0		1.0		1.0			Ŭ	10		1.0		10		1.0	ui l		w
		لت		-				<u> </u>		لبت			لتنسب																1.0	3	•.0	

Notes 1 J - Indicates estimated value

2 U - Indicates analyte was not detected above reported sample quantitation limits

3 UJ - Indicates analyte was not detected above reported sample quantitation limits (SQL) but SQL is approximate

4 R - Indicates that data is unusable

ໄພມາຍ 9 St. Louis Smelting and Refining

Expanded Site Inspection Residential Soil Laboratory Analysis

Sample Number:	ME01	F1	ME01	F2	ME01	F3	ME01	F4	ME01	F5	ME01	F6	ME01	F7	ME01	G2
Sampling Location:	X10	7	X10	8	X10	9	X11	0	X11	1	X112	2	X11	з [X11	5
Address	102 Pine Rd	Lake	102 Pine Rd	Lake	210 Pine Dr	Lake	1973 Rai	ntree	1973 Rai	ntree	2001 Raiı	ntree	1407 Cali	ifornia	6800 Fed Backgro	
Matrix:	Soi	1	Soi	I	Soi	l	Soi		Soi	1	Soil		Soi	ı j	Soi	1
Units:	mg/K	(g	mg/k	(g	mg/k	(g	mg/k	(g	mg/k	(g	mg/K	_	mg/l	⟨g	mg/k	(g
Date Sampled :	10/15/2	2002	10/15/2	2002	10/16/2	2002	10/16/2	2002	10/16/2	002	10/17/2	002	10/17/2	2002	10/18/2	2002
Time Sampled :	15:0	0	15:0		11:4		17:3		17:3	5	11:0	0	13:3	10	12:4	5
%Solids :	86.7		86.4		79.9	-	92.		79.9		81.4	,	84.0	6	88.0	0
Dilution Factor:	1.0		1.0		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	Result	Flag
ALUMINUM	9420		9980		4830		1950		2700		9400		6700		5360	
ANTIMONY	"13.9 ^{··}	J	*13.8	J	0.29	UJ	4.6	J	M18.7 =	J	0.43	J	0.39	J	0.27	J
ARSENIC	7.5		6.9		4.4		33,4		682		6.4		5.9	i i	4.4	
BARIUM	495	J	445	J	489	J	92.1	J	139	J	173	J	153	J	246	J
BERYLLIUM	0.89	J	0.93	J	0.39	J	0.21	J	0.12	J	. 0.48	J	0.47	J	0.40	J
CADMIUM	7.9	J	6.2	J	2.3	J	7.3	J	10.0	j	0.43	J	1.3	J	1.2	J
CALCIUM	21100	. 1	23800		2370		2830		11600		2410	ŀ	4840		3010	
CHROMIUM	8.4	J	7.8	J	7.9	J	5.8	J	14.6	J	12.5	J	11.8	J	9.2	J
COBALT	15.0		16.6		6.7		9.4		433.5 ½		6.3		8.3		7.3	i
COPPER	91.3		88.4		11.5		521	l	733		12.8		23.9		11.6	
IRON	64600		73400		8770		42400	l	68700		14700		15200		9650	
LEAD	16400	j	15700	J	500	J	1920	J	5260	J	100	J	463	J	122	J
MAGNESIUM	2050		2130		1350		236		1190		2130		3230	l	1440	
MANGANESE	620		597		871		28.4		162		608		481	1	747	1
MERCURY	0.22		0.21		0.12		0.40		2037		0.10		0.14		0.080	}
NICKEL	19.3	J	16.9	J	11.2	J	21.3	j	134	J	13.8	J	16.5	j	12.3	J
POTASSIUM	1840	J	2040	J	522	J	567	J	537	J	651	J	640	J	795	J
SELENIUM	3.6	J	3.0	J	0.77	J	3.2	J	2.8	J	1.2	J	1.5	J ·	1.5	J
SILVER	0.40	J	0.38	J	0.19	IJ	\$2.4	J	月67 学	J	0.19	บJ	0.18	ŲJ	0.17	IJ
SODIUM	351	υ	1360		98.9		64.0	υ	72.6	υ	96.0		228	.	99.5	ľ
THALLIUM	0.55	UJ	0.51	IJ	0.58	UJ	0.90	J	7.5	J	0.57	UJ	0.54	UJ	0.52	·UJ
VANADIUM	25.8		24.8		15.5		13.3		37.8		23.3		21.7		17.0	
ZINC	22700	J	24500	J	110	J	∄100 €	J	3710 X	J	50.9	J	116	j	82.6	J
CYANIDE	0.28		0.39	!	0.13		0.37		0.17		.0.11		0.13		0.13	

Notes: 1 J - Indicates estimated value

² U - Indicates analyte was not detected above reported sample quantitation limits

³ UJ - Indicates analyte was not detected above reported sample quantitation limits (SQL) but SQL is approximate

^{4 682} Indicates value above USEPA Removal Action Level

^{5 16400} Indicates value above Illinois EPA TACO Residential Soil Corrective Action Objective

^{6 55} Indicates value is 3x background concentration (10x for estimated values)

TABLE 10
Residential Soil Samples Analyzed for TCLP Metals ¹

Sampling Location:	TCLP	X107T		X110T		X111T		X113T		X114T	"
Matrix :	Limit	Soil		Soil		Soil		Soil		Soil	
Units :	ug/L'	ug/L		ug/L		ug/L		ug/L		ug/L	
ANALYTI:		Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ARSENIC	5000.0	136	J	99.5	J	544		103	J	75.4	- 1
BARIUM	100000.0	1510		648		364		649		- 599.0	
CADMIUM	1000.0	88.6		99.7		219		7.59	J	14.1	
CHROMIUM	5000.0	3	U	- ≥ ;" ∴3	Ų	强争学级3	U	3 132	U.	414.43.3	U.
LEAD	5000.0	20000		5520		29900		132	-1.00	116	
MERCURY	200	0.1	U	0.1	U		U	0.1	U	KO S	U
SELENIUM	1000.0	73.0	U	73.0	U	73.0	U	85.5	J	73.0	
SILVER	3 5000.0°	5.0	U	5.0	U	5.0	U	∌	U- W	5.0	U

Notes 1. Toxicity Characteristic Leaching Procedure for determination of RCRA Hazardous Waste 2 20000 indicates concentration is above TCLP Regulatory Level

Table 11
Description of Residential Soil Samples Submitted for Lab Analysis

Sample Location	Sample Depth ¹	Sample Description	Sample Location Description	Laboratory Analysis
X107 & X108	3 - 6	Cinders and slag in brown loam	Back yard of 102 Pine Lake Road, 20 meters northeast of home	Total Metals
X107T	3 - 6	Cinders and slag in brown loam	Back yard, 20 meters northeast of home	TCLP Metals ²
X109	12	Brown clayee silt	Front yard of 210 Pine Lake Road	Total Metals
X110	12 - 18	Cinders and slag mixture	Back yard of 1973 Raintree Trail	Total Metals
X110T	12 - 18	Cinders and slag mixture	Back yard of 1973 Raintree Trail	TCLP Metals
X111	6 - 8	Silt with burgandy staining	Back yard of 1973 Raintree Trail	Total Metals
· X111T	6 - 8	Silt with burgandy staining	Back yard of 1973 Raintree Trail	TCLP Metals
X112	6	Brown clayee silt	Back yard of 2001 Raintree Trail	Total Metals
X113	12	Slag, cinders, brown loam	Back yard of 1407 California Avenue	Total Metals
X113T & X114T	18 - 24	Tan/brown loam with small slag pieces	Back yard of 1407 California Avenue	TCLP Metals
X115	0-2	Tan/brown silty loam	Wooded hillside east of Canteen creek approximately 1 mile east of site	Total Metals

Notes: 1 TCLP - Toxicity Characteristic Leaching Procedure 2 Depth in inches below ground surface

Table 12

Description of Sediment Samples Submitted for Lab Analysis

Sample Location	Sample Depth ¹	Sample Description	Sample Location Description	Laboratory Analysis
X225	6	grey black silt	Eastern shore of Pine Lake where drainage from facility entered Lake	Total Metals ²
X226 & X227	3 - 5	black silt	Western shore of unnamed pond	Total Metals
X228	18 - 22	Medium grey clay	Middle of Canteen Creek, downstream of unnamed pond	Total Metals
X229	12	Black/grey clayee silt	Drainageway southwest of Pinehurst	Total Metals
X230	4 - 6	Brown/grey clayee silt	Drainageway northeast of Pinehurst	Total Metals
X231	18 - 20	Brown/grey clayee silt	Canteen Creek northeast (upgradient) of site	Total Metals

Notes: 1 Depth in inches below sediment surface

2 TCL Total Metals and cyanide

Table 13 St. Louis Smelting and Refining

Expanded Site Inspection
Sediment Laboratory Analysis Results

}	•	-								•		_		1.5	
Sample Number :		ME0	IF8	ME01	F9	ME01	G0	ME01	IG1	ME01	G3	ME01	G4	ME01	G5
Sampling Location		X22	25	X22	26	X22	27	X22	28	X22	. 9	X23	0	X23	1
Address		Pine L	ake	1020 F Lak		1020 F Lak		700 Log Ln		1913 Pin	ehurst	1908 Pin	ehust	6800 Fed	der Ln
Matrix :		So	ii	Soi	il	Soi	il	Soi	ií	So	i .	Soi	ı	Soì	i
Units:		mg/l	< g	mg/l	(g	mg/l	(g	mg/l	√ g	mg/l	(g	mg/K	(g	mg/k	(g
Date Sampled :	Ontario Benchmark	10/17/	2002	10/17/2	2002	10/17/	2002	10/18/2	2002	10/18/	2002	10/18/2	2002	10/18/2	2002
Time Sampled :	for Lowest	16:3	30	17:2	20	17:2	20	09:0	00	10:5	50	11:3	0	12:3	0
%Solids :	Effect Level	48.	9	14.0	6	8.9)	75.	5	71.	5	74.2	2	76.5	5
Dilution Factor:	in mg/kg	1.0		1.0)	1.0)	1.0)	1.0		1.0		1.0	٠
ANALYTE		Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	NA	10700		6430		16200		4700		4460		6930		5830	
ANTIMONY	NA	3.3	j	16.5	J ·	23.8	J	0.30	บม	0.70	j	0.52	J	0.31	IJ
ARSENIC	6	6.8		* 68.6 %		¥1165		0.96		4.9	•	2.6		4.5	
BARIUM	NA	514	J	326	J	1420	J	67.7	J	302	J	149	J.	241	J
BERYLLIUM	NA	0.73	J	0.50	J	2.5	J	0.32	J	0.64	j	0.44	J	0.42	J
DMIUM	0.6	90.1	J	第107 岁	J	₹31.6≆	J	0.080	UJ	#0.95 #	J	0.12	J	0.23	J
ALCIUM	NA	5010		27100		48000		1130	.	1920		2020		2290	
CHROMIUM	26	17.0	J	17.7	J	#32.3	j	8.5	J	10.5	j	12.1	J	11.1	J
COBALT	50	22.7	:	建691学		628		4.0		11.1		4.7		11.6	
COPPER	16	196		548		626		7.3		维的和		11.0		9.8	
RON	20000	22900		73800		101000		13400		14200		12900		13200	
.EAD	31	.35900	J	4550	J	₹ 5840 1	J	6.2	J	经304额	J	大28:3天	J	7.4	J
MAGNESIUM	NA	3860		4240		5940		1470		1230		2420		2080	
MANGANESE	460	337		*1270		4000		126		614		294		**1390 **	
ERCURY	0.2	0.54		.∌ 0.31≆		0.54	U	0.050	U	0.090		0.090		0.05	
NICKEL	16	55.1	J	945	j	2280	J	10.5	J	233.3 🐍	J	14.3	J	20.6	J
POTASSIUM	NA	886	J	962	J	1480	J	405	J	457	J	701	J	483	j
SELENIUM	NA	5.9	J	9.6	J	16.1	J	0.75	UJ	1.5	J	0.76	UJ	1.3	J
SILVER	0.5	1.5	J	1.0	υJ	1.7	ΩJ	0.20	UJ	0.21	UJ	0.20	UJ	0.2	UJ
SODIUM	NA	120	U	393	U	664	U	153		102		101	- 1	150	
HALLIUM	NA	0.94	UJ	3.1	UJ	5.2	UJ	0.60	ΟJ	0.62	UJ	0.61	UJ	• • • • •	UJ
/ANADIUM	NA	30.1		16.9	l	74.9	ł	10.2	ı	46.8		16.5	ł	20.8	
IC	120	2170	J	18000	1	10800	j	63.7	j	139	J	46.0	J	36.5	J
TANIDE	0.1	0.27		0.17	U	0.28	U	0.030	U	0.070	1	0.84	1	0.05	

NOTES:

1 NA - No Benchmark Exits for Analyte

2 J Indicates concentration is estimated

2 0.96 Indicates concentration above benchmark

3 2.3 Bold text indicates concentration greater than 3x or 10x background as appropriate

4 U Indicates analyte was not detected above reported sample quantitation limits

5 UJ Indicates analyte was not detected above reported sample quantitation limits (SQL) but SQL is approximate

Table 14
Geoprobe Location and Boring Descriptions

Boring	Location and Boring Description
Identification	Depth Description Units in Feet Below Ground Surface and XRF Reading Results for Lead in parts per million
GP1	Location at 1973 Lemontree Lane in front yard. 0 - 1' brown tan clayee loam, XRF #26 at surface, Lead 101. XRF#27 at 0.5', Lead 40.1. At 1', soil turns to fine silt, continues to 5'. XRF#28 at 1', Lead 28.4. At 2' XRF#29, Lead 38.4. At 5', clay % in silt begins to increase. XRF#30 at 6', Lead 29. XRF#31 at 10', Lead BDL. XRF#32 at 15', Lead BDL. XRF#33 at 27', Lead BDL. Soil at 27' dark grey silty clay. Terminated boring at 32 feet, no water encountered.
GP2	Location at 102 Pine Lake in front/side yard. 0 - 2' brown loam with high % of slag and cinders, XRF #38 at surface, Lead 4,440. XRF#39 at 0.5', Lead 10,100. XRF#40 at 1', Lead 8,100. From 2' to 4', soil is dry brown clayee silt. At 2' XRF#41, Lead 4,000. XRF#42 at 3.5', Lead 46.2. From 4 - 10', soil becomes brown silt. XRF#43 at 6', Lead 61. XRF#44 at 10', Lead 65. Grey silt begins at 12' and continues through 16'. XRF#45 at 14', Lead 28. Grey silt continues from 16' to 20' but brown mottling increases with depth. At 18', XRF#46, Lead 18.3. Core from 20' - 24' all silt with a two inch wet seam at 22' XRF#47 at 22', BDL. From 24' - 28' soil is brown silt with low % clay, grey color increasing at 26'. Terminated boring at 32 feet.
GP3	Location at 1020 Pine Lake Road, front yard. Soil from 0 - 3', light brown clayee silt. XRF#48 at surface, Lead 172. XRF#49 at 0.5', Lead 1,090. XRF#50 at 1', Lead 2,850. XRF#51 at 2', Lead 1,280. At 3', hit 1' thick layer of slag with low % of gravel. XRF#52 at 3' in slag, Lead 15,900. Water was located within the slag bearing unit, and based on prevelance of slag in the area, possibly drained the top soil throughout a large area. At 4', olive grey clay encountered. XRF#53 at 4', Lead 39. At 5', low % of silt appearing in clay, fading to almost entirely brown silt at 8'. From 8 - 12', mottled brown/tan silt. XRF#54 at 10', Lead 39. Terminated boring at 12' to avoid contaminating unconsolidated aquifer with water from 3' strata.
GP4	Location at 1750 California Avenue, front yard down near unnamed pond and equipment parking area. Soil from 0 - 1', clayee silt with small % limestone road gravel. XRF#65 at surface, Lead 159. XRF#66 at 0.5', Lead 57.1. Closer examination of core shows what appears to be small bits of slag from 0.5' - 1.5', but XRF results not high in lead. XRF#67at 1', Lead 157. XRF#68 at 2', Lead 60.8. Soil from 2 - 7' brown clayee silt. At 7', hit clay with low % silt. XRF#69 at 4', Lead BDL. Brown clay continues 8 - 9'. At 9', clay becomes mottled with some tan silt. At 10', strata goes to mostly tan silt with low % of clay. XRF#72 at 10', Lead BDL. At 11', soil becomes brown and tan silt and occasional small gravel. At 12' encountered clay till continuing to 15' At 15', hit moist sand and gravel layer that continued to 16'. Soil from 16 - 18', grey and brown mottled clay. Boring terminated at 18'.

Notes 1 BDL - Below level of detection for X-Ray Flourescence detector

Appendix A Target Compound List

TARGET COMPOUND LIST

Volatile Target Compounds

Chloromethane	1,2-Dichloropropane
Bromomethane	cis-1,3-Dichloropropene
Vinyl Chlorde	Trichloroethene
Chloroethane	Dibromochloromethane
Methylene Chloride	1,1,2-Trichloroethane
Acetone	Benzene
Carbon Disulfide	trans-1,3-Dichloropropene
1,1-Dichloroethene	Bromoform
1,1-Dichloroethane	4-Methyl-2-pentanone
1,2-Dichloroehtene (total)	2-Hexanone
Chloroform	Tetrachloroethene
1,2-Dichloroethane	1,1,2,2-Tetrachloroethane
2-Butanone	Toluene
1,1,1-Trichloroethane	Chlorobenzene
Carbon Tetrachloride	Ethylbenzene
Vinyl Acetate	Styrene
Bromodichloromethane	Xylenes (total)

Base/Neutral Target Compounds

Hexachloroethane	2,4-Dinitrotoluene
bis(2-Chloroethyl) Ether	Diethylphthalate
Benzyl Alcohol	N-Nitrosodiphenylamine
bis (2-Chloroisopropyl) Ether	Hexachlorobenzene
N-Nitroso-Di-n-Propylamine	Phenanthrene
Nitrobenzene	4-Bromophenyl-phenylether
Hexachlorobutadiene	Anthracene
2-Methylnaphthalene	Di-n-Butylphthalate

1,2,4-Trichlorobenzene	Fluoranthene
Isophorone	Pyrene
Naphthalene	Butylbenzylphthalate
4-Chloroaniline	bis(2-Ethylhexyl)Phthalate
bis(2-chloroethoxy)Methane	Chrysene
Hexachlorocyclopentadiene	Benzo(a)Anthracene
2-Chloronaphthalene	3-3'-Dichlorobenzidene
2-Nitroaniline	Di-n-Octyl Phthalate
Acenaphthylene	Benzo(b)Fluoranthene
3-Nitroaniline	Benzo(k)Fluoranthene
Acenaphthene	Benzo(a)Pyrene
Dibenzofuran	Ideno(1,2,3-cd)Pyrene
Dimethyl Phthalate	Dibenz(a,h)Anthracene
2,6-Dinitrotoluene	Benzo(g,h,i)Perylene
Fluorene	1,2-Dichlorobenzene
4-Nitroaniline	1,3-Dichlorobenzene
4-Chlorophenyl-phenylether	1,4-Dichlorobenzene

Acid Target Compounds

Benzoic Acid	2,4,6-Trichlorophenol
Phenol	2,4,5-Trichlorophenol
2-Chlorophenol	4-Chloro-3-methylphenol
2-Nitrophenol	2,4-Dinitrophenol
2-Methylphenol	2-Methyl-4,6-dinitrophenol
2,4-Dimethylphenol	Pentachlorophenol
4-Methylphenol	4-Nitrophenol
2,4-Dichlorophenol	

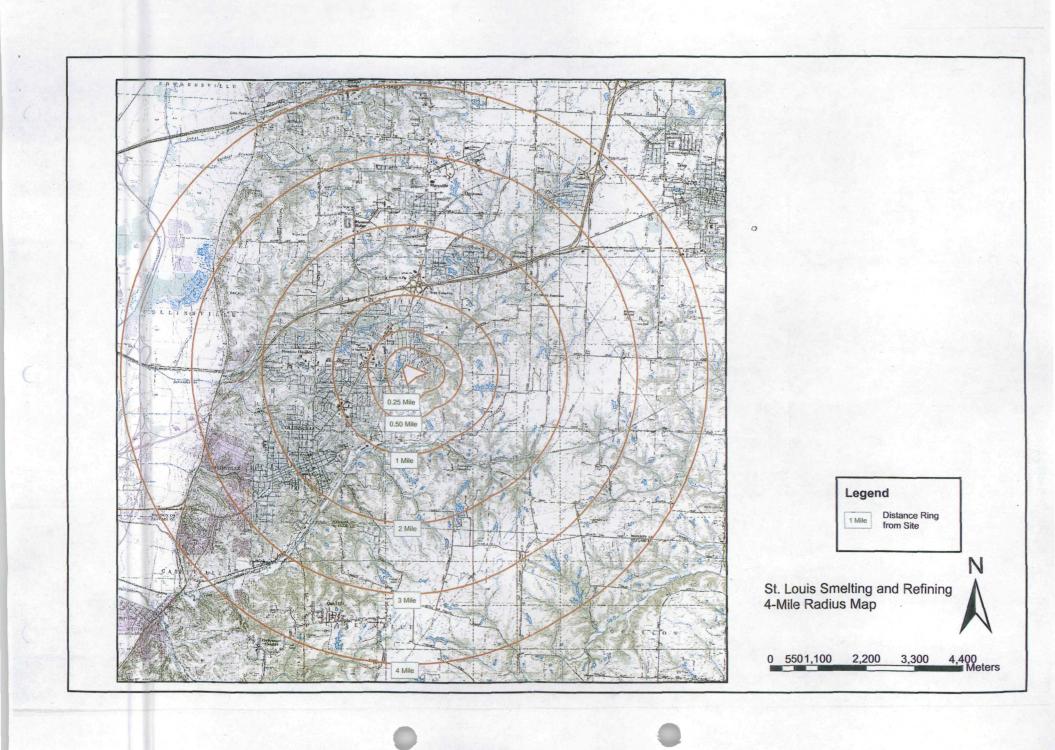
Pesticide/PCB Target Compounds

alpha-BHC	Endrin Ketone
beta-BHC	Endosulfan Sulfate
delta-BHC	Methoxychlor
gamma-BHC (Lindane)	alpha-Chlordane
Heptachlor	gamma-Chlordane
Aldrin	Toxaphene
Heptachlor epoxide	Aroclor-1016
Endosulfan I	Aroclor-1221
4,4'-DDE	Aroclor-1232
Dieldrin	Aroclor-1242
Endrin	Aroclor-1248
4,4'-DDD	Aroclor-1254
Endosulfan II	Aroclor-1260
4,4'-DDT	

Inorganic Target Compounds

Aluminum	Manganese
Antimony	Mercury
Arsenic	Nickel
Barium	Potassium
Beryllium	Selenium
Cadmium	Silver
Calcium	Sodium .
Chromium	Thallium
Cobolt	Vanadium
Copper	Zinc
Iron	Cyanide
Lead	Sulfide
Magnesium	

Appendix B 4 – Mile Radius Map



Appendix CIllinois EPA Sample Photographs

CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October15,

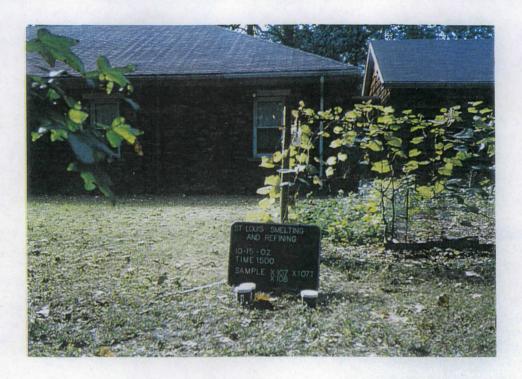
2002

TIME: 1500

PHOTO BY: J. Willman

DIRECTION: West

COMMENTS: Photo of soil sample location X107 and duplicate sample, X108. Also pictured is soil sample X107T. Address: 102 Pine Lake Drive



DATE: October 15,

2002

TIME: 1500

PHOTO BY: J. Willman

DIRECTION: South

COMMENTS: Photo of soil sample location X107 and duplicate sample, X108. Also pictured is soil sample X107T. Address: 102 Pine Lake Drive



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 16,

2002

TIME: 1145

PHOTO BY: J. Willman

DIRECTION: East

COMMENTS: Photo of soil sample location X109 at 210 Pine Lake

Road



DATE: October 16, 2002

TIME: 1145

PHOTO BY: J. Willman

DIRECTION: North

COMMENTS: Photo of soil sample location X109 at 210 Pine Lake Road



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 16, 2002

TIME: 1735

PHOTO BY: J. Willman

DIRECTION: eastnortheast

COMMENTS: Photo of soil sampling location for X110, X111, X110T and

X111T. Sample location at 1973 Raintree Trail.



DATE: October 16, 2002

TIME: 1735

PHOTO BY: J. Willman

DIRECTION: south

COMMENTS: Photo of soil sampling location for X110, X111, X110T and X111T. Sample location at 1973 Raintree Trail.



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 17,

2002

TIME: 1100

PHOTO BY: J. Willman

DIRECTION: north-

northeast

COMMENTS: Photo of soil sampling location X112 at 2001 Raintree

Trail



DATE: October 17,

2002

TIME: 1100

PHOTO BY: J. Willman

DIRECTION: west

COMMENTS: Photo of soil sampling location X112 at 2001 Raintree

Trail



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 17,

2002

TIME: 1330

PHOTO BY: J. Willman

DIRECTION: south

COMMENTS: Photo of soil sampling location X113, X113T and X114T. (X114T is a duplicate of X113T). Sample location at 1407 California Avenue



DATE: October 17,

2002

TIME: 1330

PHOTO BY: J. Willman

DIRECTION: north

COMMENTS: Photo of soil sampling location X113, X113T and X114T. (X114T is a duplicate of X113T). Sample location at 1407 California Avenue



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 17,

2002

TIME: 1630

PHOTO BY: J. Willman

DIRECTION: west

COMMENTS: Photo of sediment sampling location X225 from east side of Pine Lake. (Photo actually about 10 feet east of where sample obtained)



DATE: October 17,

2002

TIME: 1630

PHOTO BY: J. Willman

DIRECTION: southwest

COMMENTS: Photo of sediment sampling location X225 from east side of Pine Lake. (Photo actually about 10 feet east of where sample obtained)



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 17, 2002

TIME: 1720

PHOTO BY: J. Willman

DIRECTION: east

COMMENTS: Photo of sediment sampling location X226 and duplicate sample X227 from west side of Unnamed Pond. (Photo actually about 5 feet north of where sample obtained)



DATE: October 17, 2002

TIME: 1720

PHOTO BY: J. Willman

DIRECTION: southeast

COMMENTS: Photo of sediment sampling location X226 and duplicate sample X227 from west side of Unnamed Pond. (Photo actually about 5 feet north of where sample obtained)



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 18, 2002

TIME: 0900

PHOTO BY: J. Willman

DIRECTION: northwest

COMMENTS: Photo of sediment sampling location X228, downstream of facility and unnamed pond (Photo actually about 15 feet east of where sample obtained)



DATE: October 18, 2002

2002

TIME: 0900

PHOTO BY: J. Willman

DIRECTION: southwest

COMMENTS: Photo of sediment sampling location X228, downstream of facility and unnamed pond (Photo actually about 15 feet east of where sample obtained)



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 18, 2002

TIME: 1050

PHOTO BY: J. Willman

DIRECTION: north

COMMENTS: Photo of sediment sampling location X229, drainage way west of Pinehurst Court



DATE: October 18, 2002

TIME: 1050

PHOTO BY: J. Willman

DIRECTION: south

COMMENTS: Photo of sediment sampling location X229, drainage way west of Pinehurst Court



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 18,

2002

TIME: 1130

PHOTO BY: J. Willman

DIRECTION: north

COMMENTS: Photo of sediment sampling location X230, drainage way east of Pinehurst Court



DATE: October 18,

2002

TIME: 1130

PHOTO BY: J. Willman

DIRECTION: southwest

COMMENTS: Photo of sediment sampling location X230, drainage way east of Pinehurst Court



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 18, 2002

TIME: 1230

PHOTO BY: J. Willman

DIRECTION: south

COMMENTS: Photo of sediment sampling location X231, Canteen Creek (background location).



DATE: October 18, 2002

TIME: 1230

PHOTO BY: J. Willman

DIRECTION: east-

northeast

COMMENTS: Photo of sediment sampling location X231, Canteen Creek (background location).



CERCLIS ID: ILD980607006 COUNTY: Madison

DATE: October 18,

2002

TIME: 1245

PHOTO BY: J. Willman

DIRECTION: south

COMMENTS: Photo of soil sampling location X115, soil background

location



DATE: October 18, 2002

TIME: 1245

11WL. 1245

PHOTO BY: J. Willman

DIRECTION: northeast

COMMENTS: Photo of soil sampling location X115, soil background

location

