

US EPA ARCHIVE DOCUMENT

Appendix I
Final Drip Zone Width Study



Prepared for:
U.S. Environmental Protection Agency
Region 7
901 North 5th Street
Kansas City, Kansas 66101

Final Drip Zone Width Study

Omaha Lead Site
Omaha, Nebraska

March 2006

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ENERGY WATER INFORMATION GOVERNMENT

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Acronyms

BVSPC	Black & Veatch Special Projects Corp.
BVID	Identification number assigned to Omaha Lead Site properties or parcels
CERCLA	The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Superfund) (P.L. 95-510)
C.I.	Confidence Interval
DZ	Drip Zone
DZWS	Drip Zone Width Study
EBL	Elevated Blood Level
EPA	Environmental Protection Agency
FSP	Field Sampling Plan
LBP	Lead Based Paint
LCL	Lower Confidence Limit
ND	non-detect (laboratory data)
OLS	Omaha Lead Site
ppm	parts per million
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RAO	Remedial Action Objectives
RD	Remedial Design
ROD	Record of Decision
RI/FS	Remedial Investigation/ Feasability Study
SARA	The Superfund Amendments and Reauthorizatoin Act of 1986 (P.L. 99-499)
Site	Omaha Lead Site
TOPO	EPA Region 7 Task Order Project Officer
UCL	Upper Confidence Limit
XRF	X-ray flourescence

1.0 Introduction

Black & Veatch Special Projects Corporation (BVSPC) has been tasked by the U.S. Environmental Protection Agency (EPA) to perform the Remedial Design at the Omaha Lead Site (Site or OLS). The Site is defined as the individual properties that became contaminated with lead above health-based levels as a result of historic emissions due to lead processing (EPA, 2004). The OLS Focus Area is the area south of Ames Avenue, north of L Street, and east of 45th Street to the state line. During the Remedial Investigation/Feasibility Study (RI/FS), the OLS Focus Area was expanded to include the area south of L Street to the Sarpy County line, most of the area north of Ames Avenue to Redick Avenue, and a small western expansion area to the west of 45th Street. Previous investigations, community involvement, site history, and the Interim Remedy are described in the Interim Record of Decision (ROD) (EPA, 2004). Sampling procedures and previous investigations are discussed in the draft Field Sampling Plan (FSP) (BVSPC, 2006a).

In October 2005, EPA Region 7 requested that BVSPC conduct a study to evaluate drip zone width within the OLS Focus Area. The drip zone is defined as the area surrounding a residence that is impacted by exterior lead-based paint. The drip zone includes the area adjacent to the exterior walls, overhung by eaves and guttering, if present. The Superfund Lead-Contaminated Residential Sites Handbook (EPA, 2003) indirectly defines the width of the drip zone by stating that drip zone samples should be collected from the area “between 6 and 30 inches from the exterior walls of the house.” The Interim ROD cited the 30-inch drip zone width.

BVSPC developed a Drip Zone Width Study (DZWS) Sampling Plan which was approved by EPA Region 7 in November, 2005. DZWS field work was conducted December 19 - 27, 2005. Thirty residences were included in the study. In addition to Drip Zone sampling, Residential Soil Sampling (quadrant sampling) and exterior Lead-Based Paint Assessments were completed. Analyses were completed in January 2006, using field office X-ray Fluorescence (XRF) methods and procedures.

The DZWS objective is identification of a single drip zone width applicable to all residences within the OLS Focus Area regardless of age, location, construction type, or exterior finish. The data collected during this study are sufficient to make such a determination. The collection of additional data would refine the understanding of the distribution of lead in drip zones at the Omaha Lead site, but additional sampling (i.e., adding residences to the study) would probably not change the results significantly.

2.0 Sampling Protocol and Conduct of Field Work

In October 2005, the EPA Task Order Project Officer (TOPO) requested that BVSPC prepare a Work Plan to conduct a Drip Zone Width Study (DZWS). The TOPO approved the DZWS Sampling Protocol (see Appendix A) in late November 2005. Field work was conducted from December 19 - 27, 2005. Residential soil sampling (quadrant samples), drip zone sampling, and exterior Lead-Based Paint (LBP) Assessments were completed at 30 residences, with the understanding that additional residences could be sampled and included in the study, if warranted. Sampling had not previously been conducted under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), at any of the initial thirty residences included in the study. BVSPC completed office screening XRF analyses of DZWS samples in January 2006.

All DZWS sampling followed the approved sampling protocol. Residential soil sampling followed the sampling protocol described in the draft Field Sampling Plan (BVSPC, 2006a), which involves dividing residential yards into quadrants and collecting a 5- aliquot sample from each quadrant from the drip zone and any play zones and garden zones. LBP Assessments followed the approved Lead-Based Paint Sampling Protocol (Appendix A). A draft Remedial Design Phase Field Sampling Plan, which incorporates the LBP Assessment Protocol and Drip Zone Width Determination Sampling protocol, was submitted for EPA review and approval in February 2006.

In order to be included in the study, a property had to meet specific criteria which are described in Section 4.0, Statistical Considerations. These criteria are also listed in the Drip Zone Width Study Sampling Protocol (Appendix A). For this DZWS, the term *series* is defined to be a group of samples collected at a particular drip zone sampling location. The Sampling Protocol specifies the collection of two series at each residence to be collected on adjacent sides of the structure.

The rationale for collecting two drip zone series, one each on adjacent sides of the residence, stemmed from the observation that many homes within the OLS boundaries have similar construction, such as gables, guttering or eaves, on opposite ends of the structure, but different features on adjacent sides. It was assumed that if drip zone lead concentrations vary due to weathering exposure or exterior features, the collection of two series at each residence would generate sufficient data to average out the variation.

A total of 60 drip zone series was sampled, 2 at each residence. Each series could include as many as 21 samples, starting at the foundation (0 inches) and then collecting a sample every 6 inches to 10 feet out from the foundation wall. For the purposes of this study, the term *interval* is used to define each 6-inch zone that concentrically surrounds the structure -- 0 to 6 inches, 6 to 12 inches, 12 to 18 inches, etc. Since there are 21 possible drip zone samples, there are 21 intervals. The Sampling Protocol involved the following procedures:

- The sampling team collected samples at the foundation wall (0 inches) and then every 6 inches to a distance of 10 feet from the foundation.
- After laying out a tape measure and marking sampling locations, samples consisting of 3 aliquots were collected, one aliquot at the tape measure and one aliquot 12 inches from each side of the tape measure. The aliquots were collected using a small stainless steel trowel.
- The 3 aliquots were combined in pre-labeled plastic bags and transported to the field office laboratory under Chain-of-Custody protocol. Sample handling and laboratory procedures are described in the draft Remedial Design Quality Assurance Project Plan (QAPP), Omaha Lead Site, Omaha, Nebraska. (BVSPC, 2006b)
- At the Omaha Project Office laboratory, the soil sample logging-in process involved a Quality Control (QC) check review of sample labels against Chain-of-Custody information.
- Sample preparation involved homogenization and sieving (No. 10 sieve) prior to XRF office screening analysis.

3.0 Discussion of Results

Figure 1 shows the locations of residences included in the study. Copies of all DZWS field sheets are included in an Addendum to this report. Drip Zone Width Study data is presented in the Appendix B tables listed below:

- Table B-1: Drip Zone Sample Data Sorted by BVID.
- Table B-2: Drip Zone Data Sorted by Geographic Area (North, South & West Clusters).
- Table B-3: Drip Zone Data Sorted by 6-inch Interval, Lowest to Highest Value.
- Table B-4: Drip Zone Data Sorted by Series.

Table 1 presents the residential soil sampling data (quadrant sampling) for each of the DZWS properties. Exterior lead-based paint was detected in at least one sample at 27 of the 30 residences included in the DZWS. See Appendix C for LBP Assessment data. It should be noted that the 1 “Drip Zone Conc.” data (Table 1) were collected using residential soil sampling procedures specified in the EPA Handbook (EPA, 2003). In addition to the quadrant samples from the yards, this procedure involves collecting one aliquot on each side of the structure, between 6 inches and 30 inches from the foundation wall. Because DZWS samples were collected using a different sampling procedure, that data is not comparable to the residential soil sampling drip zone data.

Statistical analyses were completed for each 6 inch interval using drip zone series data. The results are presented in Tables 2 and C-3. Charts comparing lead concentration versus distance from foundation were plotted for each residence (see Appendix D).

Figure 2 is a plot of average concentration in each 6-inch interval versus distance from the exterior foundation wall. As discussed below, all data were used in the statistical calculations and figures. Also shown on Figure 2 are the upper and lower bound 95 percent confidence intervals (UCL and LCL). It is notable that average soil lead concentrations drop below 400 ppm almost exactly 6 feet from the exterior foundation wall. Since 400 ppm is the “interim risk management cleanup level” identified in the Interim ROD, the DZWS results indicate that a 6-foot wide drip zone might be appropriate at the Site. If the 95 percent UCL value is used instead of the average, the drip zone width would increase to approximately 7 feet from the exterior foundation wall.

Nine of the residences included in the study had an exterior construction or finish other than painted wood siding or stucco. Three were brick, two were aluminum siding, and

four had vinyl siding. Since most of these residences were constructed prior to 1920, the aluminum and vinyl siding was probably added long after these residences were constructed. Year of construction data is provided in Table 1. Although the Table 1 data and Appendix D plots indicate that drip zone width at these nine residences may not be as wide as the drip zone at the residences with painted wood or stucco exteriors, two of the nine residences exhibited drip zone lead concentrations above 400 ppm at least 7 feet from the structure. Some general observations listed below are possible:

- For the nine non-painted exterior finish homes, no quadrant sample lead concentrations exceeded 400 ppm (Table 1). Therefore, none of these nine residences qualifies for remedial action per the Interim ROD (EPA, 2004). Of the 21 residences with painted wood siding or stucco, 10 qualified for remedial action – almost 50 percent.
- Identification of a single drip zone width applicable every OLS Focus Area residence regardless of exterior finish is warranted based on the fact that some non-wood/stucco exterior finish residences exhibited soil lead concentrations exceeding the 400 ppm action level more than 6 feet from the residence.

4.0 Statistical Considerations

4.1 Sampling Distribution

As shown on the Data Frequency Histogram (Figure 3) and from a review of the statistical parameters calculated for each interval (Table 2), DZWS soil lead concentration data are not normally distributed (bell-shaped curve). Environmental contamination data is frequently log-normally distributed. Figure 4 is a data frequency plot of the log transformed data (base 10). Visual inspection confirms that the data is log-normally distributed.

For the purposes of this study, in which the main concern is the computation and comparison of the 6-inch interval average soil lead concentrations, the large number of samples (49 to 60 in each interval) renders the computations statistically *robust* to the non-normality of the data. For this reason, the untransformed data was used to compute the descriptive statistical parameters presented in Table 2.

4.2 Bias and Representativeness

An important step in evaluating the data is to examine *bias* and *representativeness*. Residences to be included in the DZWS were selected from the pool of properties within the OLS Focus Area that had not previously been sampled, based on specific criteria listed below. Approximately 7,000 residential properties remain to be sampled. A random sampling methodology that was briefly considered would have allotted *every* residence within the OLS Focus Area an equal probability of being selected for inclusion in the study. Since over 75 percent of the residential properties within the Focus Area had already been sampled; that approach was unattractive because of the high potential for including previously sampled properties, which would have been an inefficient use of project funding.

The approved Sampling Protocol (Appendix A) was based on the assumption that soil type and soil lead concentration variation across the Site is not related to whether a residence has already been sampled. The DZWS data indicate that this assumption was correct. See Section 4.2.2.

- Bias could have occurred if the procedures used to select the residences included in the study tended to favor the inclusion of residences with certain population characteristics, such as statistically higher lead concentrations in drip zone soils, a preponderance of a specific soil type, or any other characteristic of the property or

residence that could affect soil lead concentrations. As discussed in Section 4.2.1, the data indicate that the criteria used to select residences and sampling locations did not bias the results.

- Representativeness is evaluated based on whether the lead concentration at properties included in the DZWS is representative of OLS soil lead concentrations. As discussed below, the data indicate that the residences included in this study are representative of previously sampled residences within the OLS Focus Area.

The criteria for selecting a residence for inclusion in the DZWS were as follows (Reference Appendix A, Drip Zone Width Determination Study Field Sampling Protocol, BVSPC, 2005):

- At least two drip zone samples to 10 feet from the foundation are possible on adjacent sides of the dwelling.
- Walkways or driveways that occupy not more than 2 to 3 feet of the 10-foot area are not a problem.
- The residence should be approximately pre-1960 construction.

The rationale for collecting two drip zone series at each residence was based on the assumption that paint and substrate exposure and weathering might cause variation in drip zone soil lead concentrations on different sides of the structures (north, south, east, and west). The requirement that the drip zone samples be from *adjacent* sides of the structure was based on the observation that eave and gutter systems typically differ on adjacent sides, but are similar on opposite sides of a residence. Because lot sizes are generally small and homes are spaced close together within the OLS Focus Area, it was assumed that few homes (perhaps 25 percent) would have enough clearance on adjacent sides to collect two full drip zone series and thus meet the suitability criteria for the DZWS.

During the late October through mid-November 2005 time period, BVSPC subcontractors assigned the task of obtaining homeowner access form signatures identified over 30 residences that met the criteria for inclusion in the Drip Zone Width Study. As requested by EPA, a few (3) of the properties were of brick exterior construction.

4.2.1 Bias Evaluation

The criteria used to identify suitable candidate properties for inclusion in the DZWS did not include consideration of geographic location. As evidenced in Figure 1, the residences included in the Drip Zone Width Study are not concentrated in any particular geographic area which is an indicator that the method utilized to select properties did not result in a geographic bias. The fact that no residences from the central portion of the Focus Area are included in the DZWS is expected since that region consists almost entirely of commercial properties. Because of the apparent lack of a geographic bias, there is a strong likelihood that the properties included in the Drip Zone Width Study do not differ from the previously sampled OLS residences in terms of location, soil type, age of dwelling, or other characteristics that might bias drip zone soil lead concentrations. Evaluation of whether the DZWS data exhibits geographic variation is discussed in Section 4.4.

4.2.2 Representativeness Evaluation

Table 3 presents a comparison of DZWS residential soil sampling results (quadrant sampling) to all OLS residential sampling results through calendar year 2005 based on the data for residences, daycares, and Elevated Blood Level (EBL) properties (see Table 4). DZWS results indicate that the residences included in this study appear to be representative of previously sampled residences within the OLS Focus Area.

Table 3
Comparison of DZWS Residences to Overall OLS Results through 2005

	Drip Zone Study Residential Sampling Results (non-drip samples)		OLS Overall (Residences, Daycares & EBLs, non-drip samples) (See Appendix E)	
	# out of 30	%	# out of 27,858	%
0 – 399 ppm & ND	20	66.7	18,180	65.3
400 – 799 ppm	7	23.3	6,419	23.0
> 800 ppm	3	10	3,259	11.7

4.3 Outlier Analysis

Table B-3 presents the Drip Zone data sorted by 6-inch intervals. The highest values in several of the intervals (4, 4.5, 5.0, 8.5, 9.0, 9.5 and 10.0) are significantly higher than the next highest value. These data may not represent true outliers for the following two reasons:

1. These very high values may represent a reasonable reflection of inherent lead concentration variation within drip zone soils at the OLS.
2. Although it is convenient for the purposes of this study to consider the DZWS data by individual 6-inch intervals, when evaluating outliers, all drip zone series data should be considered as a whole. The data frequency histograms (Figures 3 and 4) are useful for this purpose.

Barnett and Lewis (1984) describe the following three sources of data variability to be considered when evaluating whether a datum represents a true outlier and if so, whether to delete the datum.

- “1. Inherent Variability, which refers to the natural spectrum of values inherent in a population;
- “2. Measurement error, which relates to inadequacies in the measuring instrumentation; and
- “3. Execution error, which results from the imperfect collection of the data, either by the sampling team, or in the Sampling Design, which could result in an unrepresentative or biased sample.”

The potential for measurement error is very low, based on the collection and analyses of over 200,000 of soil samples at the OLS over the past 4 years, the application of rigorous field office laboratory Quality Assurance/Quality Control (QA/QC) procedures, and data validation based on analytical laboratory quality assurance sample results. The potential for execution error also appears to be very low based on the experience of the field sampling teams and the results of the bias and representativeness evaluation.

Inspection of Figure 4 indicates that the data is log-normally distributed and that the highest measured soil lead concentration values fall on probability distribution curve. On this basis alone, it is difficult to justify rejecting any of the data. Therefore, based on the available information, BVSPC concluded that no data should be rejected and that DZWS soil lead concentration variation appears to be a result of inherent natural and/or anthropogenic variation in OLS soils.

4.4 Geographic Variation of Results

Because the residences appear to be loosely clustered geographically (See Figure 1), it is appropriate to briefly explore whether geographical variation is apparent in the data. Figure 5 is a plot of the interval mean concentrations for each geographic cluster versus distance from exterior foundation wall. Only general observations on the individual cluster results are provided. While further analyses could have been conducted using parametric or non-parametric tests, it was not necessary: All of the individual cluster averages are well within the 95 percent UCL and LCL values in each interval. The information presented in Figure 5 indicates that the individual cluster data correlate well with the all data interval mean plot. The clearest observations are as follows:

1. Lead concentrations drop below 400 ppm at 6 feet from the exterior foundation wall in all 3 geographic clusters.
2. The data for each geographic cluster are similar in terms of order of magnitude concentration the 0- to 6-feet from foundation intervals.
3. There is much variability in the 0- to 6-foot from foundation intervals, which is not unexpected, since this area is likely to be heavily influenced by deteriorating lead-based paint. One or two high lead concentration samples can have a disproportionate influence on the mean when it is calculated based on less than 30 samples.
4. The data are very similar in the 6- to 10-foot from foundation intervals.
5. None of the geographic cluster plots in Figure 5 are consistently above or below the all data interval mean plot.

5.0 Deviations from the Approved Sampling Protocol

At three properties (BVID 32409, 32501 and 49149), drip zone series were collected on opposite, not adjacent sides of the structure, because of space limitations on adjacent sides. Although the Sampling Team understood the requirement that Drip Zone series be collected from adjacent sides of the structures, a field decision was made to sample these properties instead of finding a substitute property. The data for these residences is presented in Table B-4 and the Appendix D graphs. Although these three residences do not exactly fit the Sampling Design criteria, the resulting data was utilized in this report, because it is valid data and because rejecting it was considered the worse alternative from a statistical analysis perspective.

6.0 Conclusions

The DZWS objective was to identify a drip zone width applicable to all residences within the OLS Focus Area regardless of age, location, construction type or exterior finish. The data collected during this study are sufficient to make such a determination. The collection of additional data, by increasing the number of residences included in the study, should lead to higher confidence in the data; however, increasing the number of residences is not expected to change the statistical results or conclusions.

Soil lead concentrations drop below 400 ppm almost exactly six feet from the exterior foundation wall, based on average concentrations in 6-inch intervals from the exterior foundation wall to 10-feet from the structures. Since 400 ppm is the “interim risk management cleanup level” identified in the Interim ROD (EPA, 2004), a six-foot wide drip zone might be appropriate; however, risk management considerations could result in the selection of a different drip zone width.

Statistical Analysis results and conclusions are as follows:

- The data generated in the study appear to be valid, unbiased, and representative.
- The data indicate that the criteria utilized to select residences and sampling locations did not bias the results.
- No data points should be rejected (i.e. there are no apparent outliers).
- DZWS soil lead concentration variation appears to be a result of inherent natural and/or anthropogenic variation in OLS soils.

7.0 REFERENCES

Barnett & Lewis, 1984. Outliers in Statistical Data, John Wiley & Son, New York, NY.

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EPA, 2003. United States Environmental Protection Agency, Superfund Lead-Contaminated Residential Sites Handbook, OSWER 9285.7-50, August 2003.

EPA, 2004. Omaha Lead Site, Operable Unit 01, Interim Record of Decision, United States Environmental Protection Agency, Region 7, December 2004

Figure 1: Drip Zone Width Study Location Map

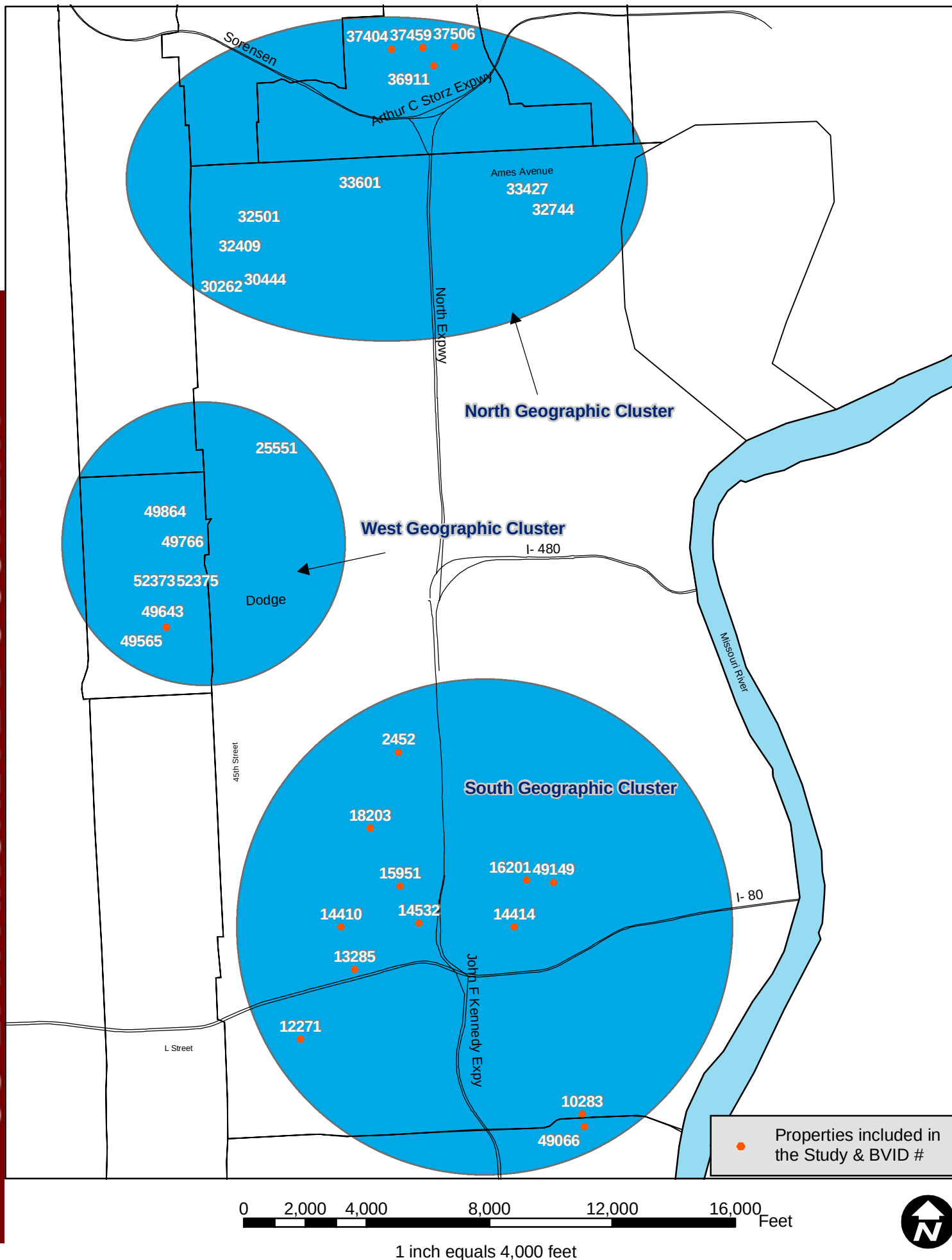


Figure 2: DZWS 6" Interval Mean (all data) & 95% Confidence Interval (C.I.)

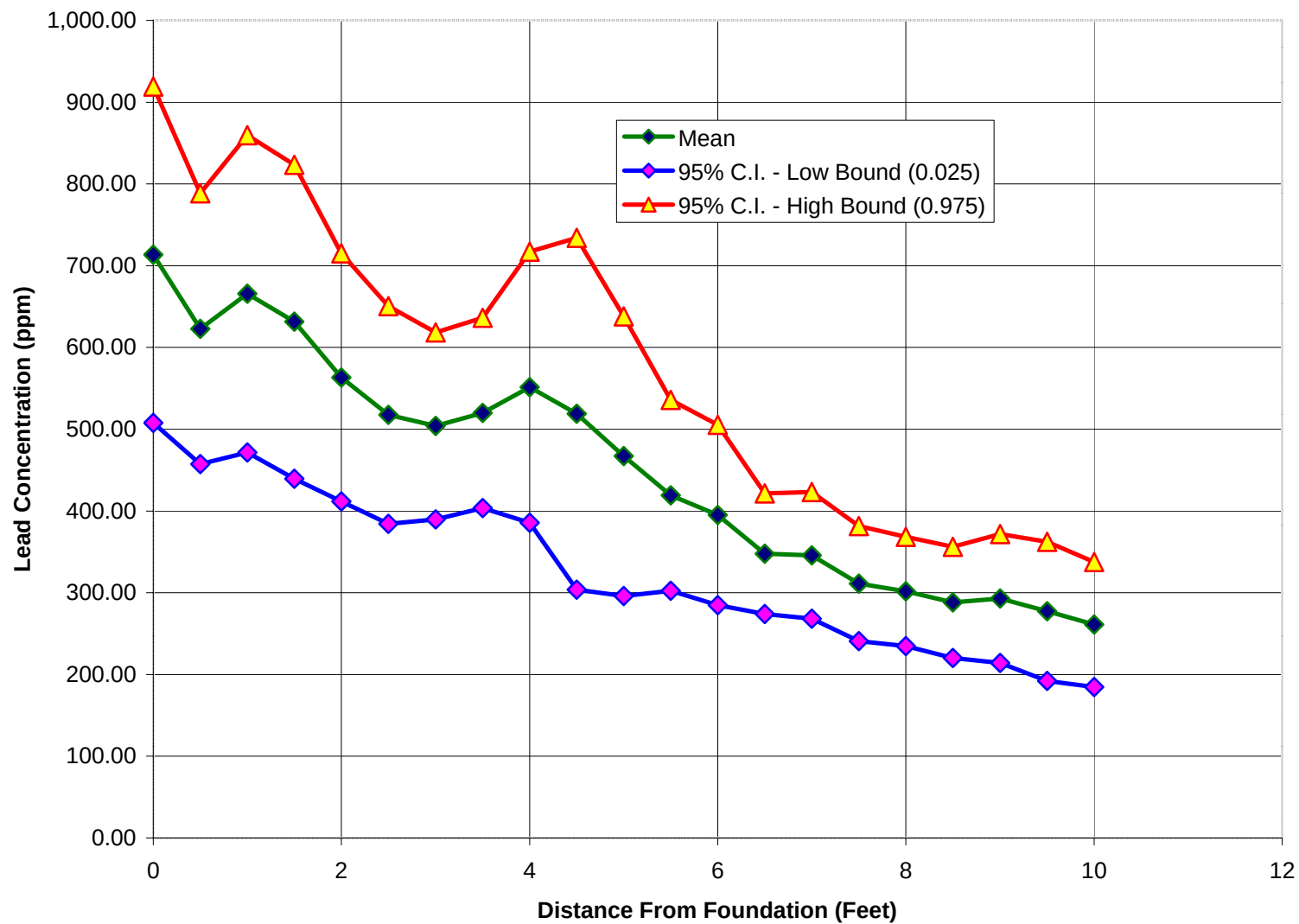


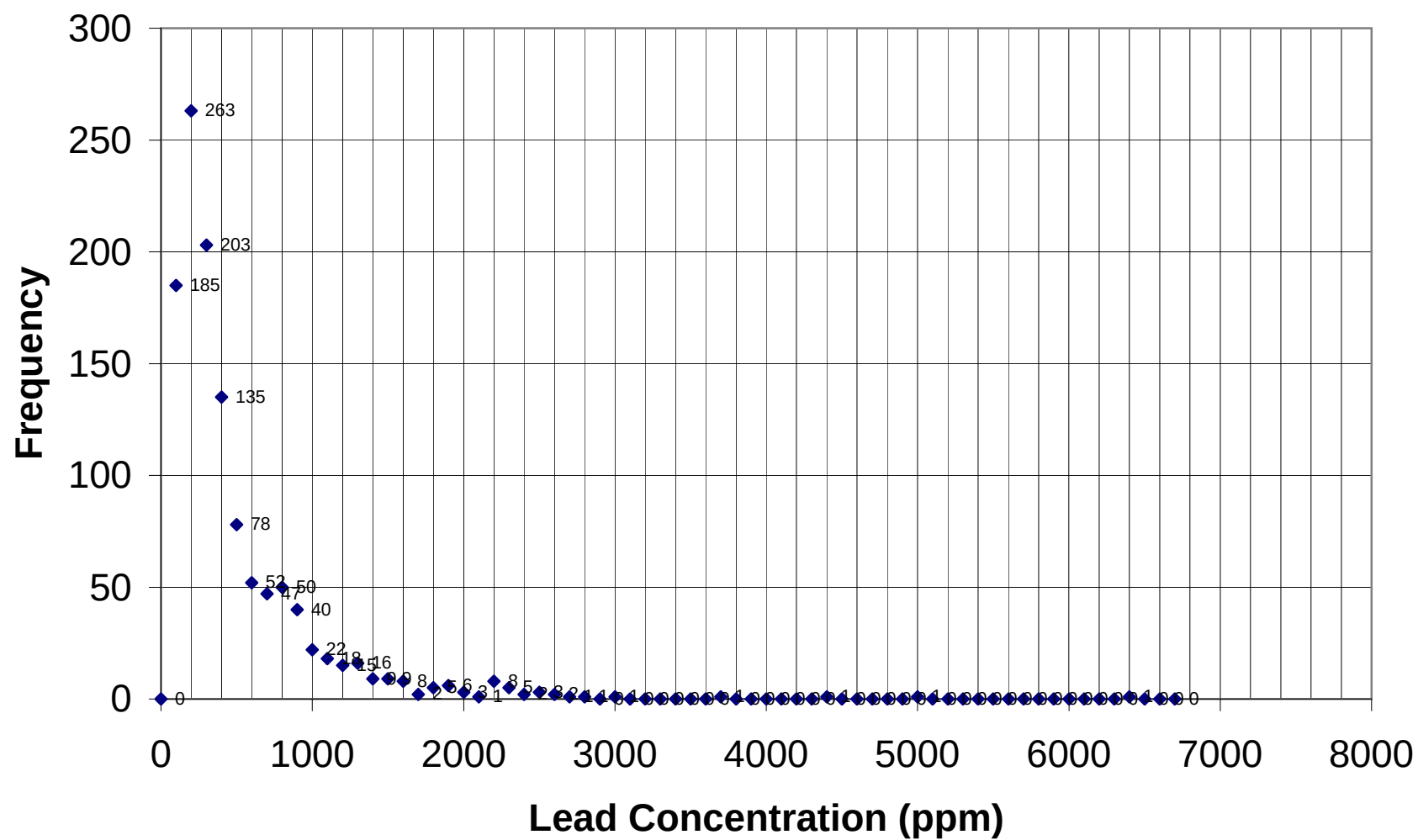
Figure 3 -- Data Frequency Histogram

Figure 4 - DZWS Log-Transformed Data Frequency Histogram

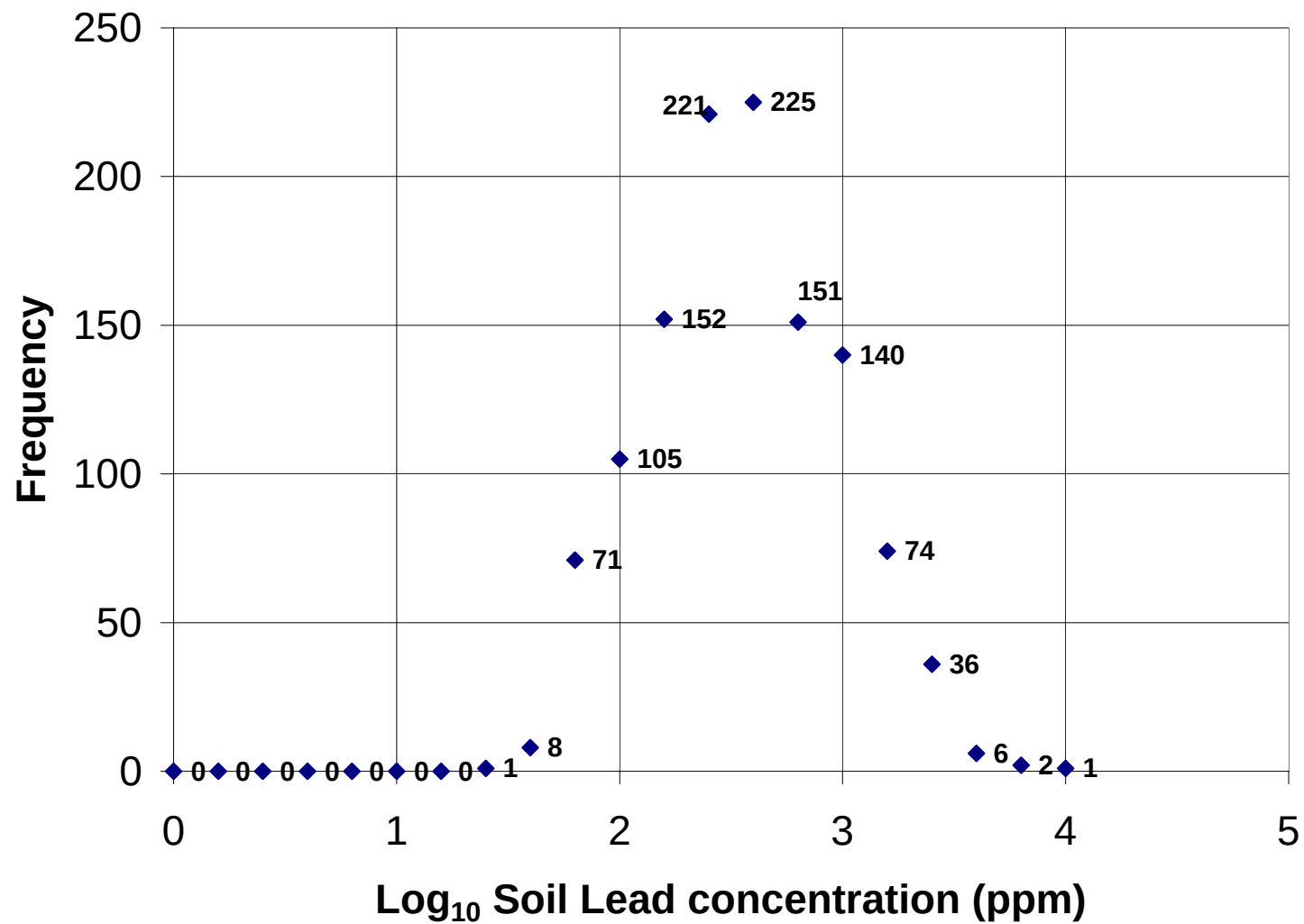


Figure 5 - DZWS Geographic Cluster Interval Mean Concentrations

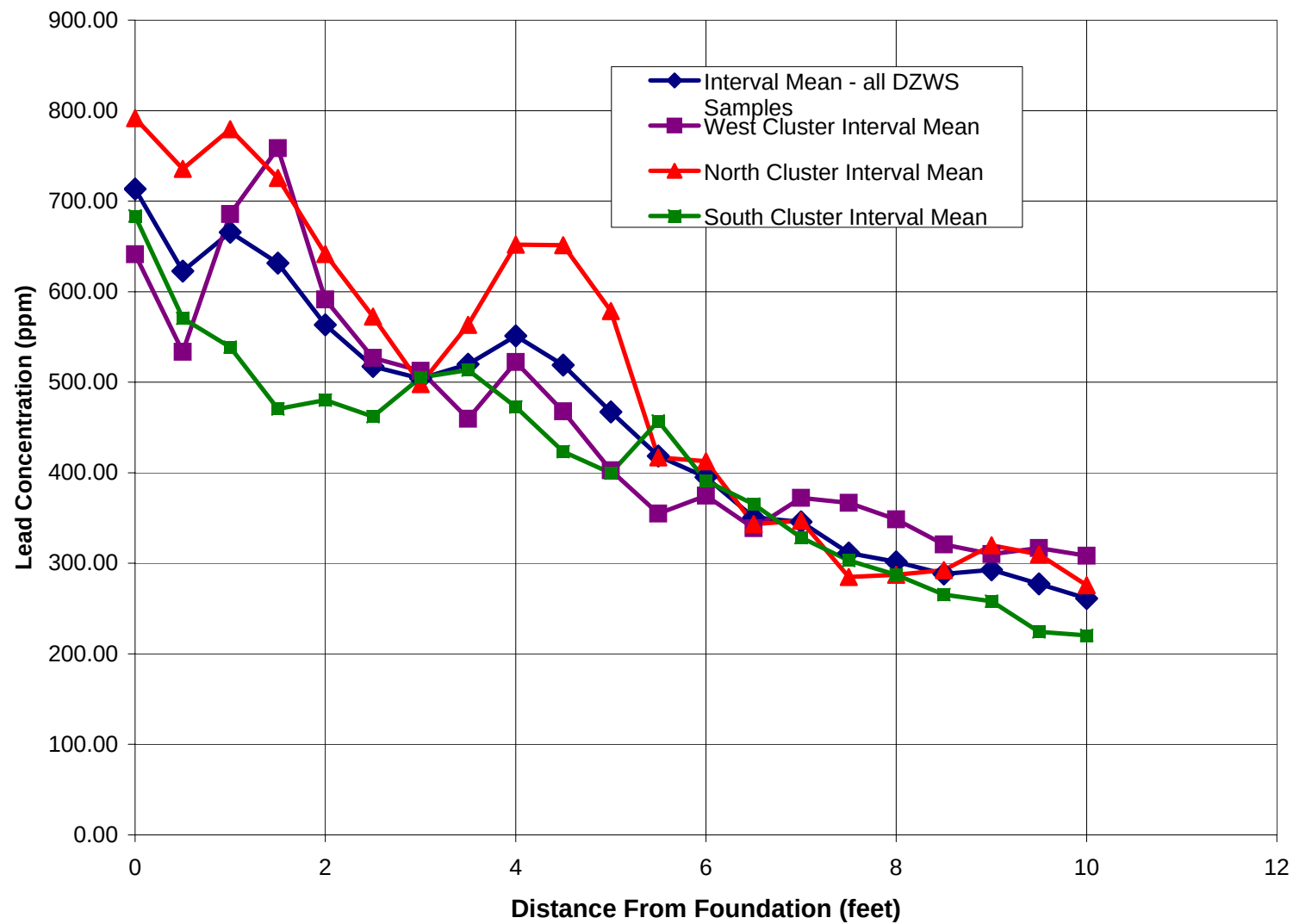


Table 4 -- Omaha Lead Site Soil Sampling Totals through December 31, 2005

Sample Loc.	Criteria	Uncategorized	Asarco	Industrial	Commercial	Daycare	EBL	Residence	Park	Railroad	Religious	Vacant Lot	Total
Drip	[Pb] >= 2500			1	1	55	88	1290			2		1437
Drip	2500 > [Pb] >= 1200				4	119	130	2952			6	4	3215
Drip	1200 > [Pb] >= 800					94	92	2588			3	2	2779
Drip	800 > [Pb] >= 400	1			10	156	136	4812			9	4	5128
Drip	400 > [Pb]	1			13	465	246	12993	2		27	29	13776
Drip	NA or ND	1	1	1	18	111	54	1477	6	1	7	1548	3225
Total	All	3	1	2	46	1000	746	26112	8	1	54	1587	29560
Non-Drip	[Pb] >= 2500			1		3	11	262	1		1	4	283
Non-Drip	2500 > [Pb] >= 1200			1		36	59	1073			1	26	1196
Non-Drip	1200 > [Pb] >= 800				3	69	76	1670			6	65	1889
Non-Drip	800 > [Pb] >= 400				6	184	207	6028			9	359	6793
Non-Drip	400 > [Pb]	3			34	695	389	17046	6		37	1133	19343
Non-Drip	NA or ND		1		3	13	4	33	1	1			56
Total	All	3	1	2	46	1000	746	26112	8	1	54	1587	29560
VALID DATE:	January 24, 2006												
NOTES:	1. Data have not been fully checked - QAQC may not complete on all of data shown above.												
	2. This table reflects all XRF samples collected to date.												
	3. The uncategorized column are generally properties sampled before data entry and are resolved during backcheck.												
Worksheet to Generate Cmaprison Table, Statistical Considerations section of the Drip Zone Width Study Report:													
		Daycare	EBL	Residence				% out of 27,858					
Non-Drip	[Pb] >= 2500	3	11	262	276		0.009907	0.99073875					
Non-Drip	2500 > [Pb] >= 1200	36	59	1073	1168		0.041927	4.19269151					
Non-Drip	1200 > [Pb] >= 800	69	76	1670	1815		0.065152	6.51518415					
Non-Drip	800 > [Pb] >= 400	184	207	6028	6419		0.230419	23.0418551					
Non-Drip	400 > [Pb]	695	389	17046	18130		0.6508	65.0800488					
Non-Drip	NA or ND	13	4	33	50	18180	0.001795	0.17948166					
		1000	746	26112	27858								

APPENDIX A

SAMPLING PROTOCOLS:

DRIP ZONE WIDTH STUDY & LEAD-BASED PAINT ASSESSMENTS

PROJECT: Omaha Lead Site (OLS)

December 14, 2005

SUBJECT: Exterior Lead Paint Assessments for Remediated Properties

INTRODUCTION:

This document presents BVSPC's Lead-based Paint (LBP) Assessments at previously remediated residences where lead-contaminated soil was removed and replaced with clean soil. The information in this document will be incorporated into a Field Sampling Plan. This Data Acquisition subtask is included in the BVSPC Project Plan, dated September 29, 2005.

SAMPLING PROTOCOL:

The following procedures will be incorporated into the Field Sampling Plan:

- Obtain access from property owner to conduct the exterior paint assessment. Paint stabilization will be performed on a voluntary basis: participation in the LBP Assessment program will be at the discretion of the property owner. The EPA TOPO will be notified about any property owners that decline to participate.
- Conduct an initial a visual inspection of exterior painted surfaces and assess whether significant of chipping, peeling, and/or deteriorated paint is present, that could potentially threaten the continued protectiveness of remedy (more than 10 square feet of deteriorated paint surface area). If significant deterioration is not observed, the documentation will consist of digital photos and a written statement of no significant deterioration.
- If significant deteriorating exterior painted surfaces are observed, further assessment will be performed to determine the lead content of each type of similarly painted surfaces using X-ray Fluorescence (XRF). Engineer will provide XRF units and operational training. The Sampling Team(s) shall deliver the XRF units to the BVSPC Project Office at the conclusion of each day of field work, so that data can be downloaded into the information database and to ensure the security of the XRF instrument.

- If deteriorating lead-based paint (LBP) is not found on siding, documentation will include digital photos, XRF readings, and a written statement of no lead-containing deteriorated painted surfaces.
- If deteriorating LBP is identified on structure surfaces, the Sampling Team will document XRF measurements and estimate the aerial extent of deteriorated paint. (If 50% of paint has fallen from surface previously, the area of actual deteriorated paint will be a maximum of 50%. Intact paint is not to be included in the estimate of deteriorated surface area).
- The Sampling Team shall document the general description and assessment of structure condition, including problems with leaking roofs or gutter systems that might have contributed to substrate and paint deterioration, along with measurements and a diagram of structure footprint. The documentation will include a description (including estimated age) and/or diagram of the guttering and eaves (if present); description and estimation of the area of exposed soil within six feet of the foundation; and any other pertinent factors that may contribute to the potential for deteriorating lead-based paint to re-contaminate surface soils.

QUALITY CONTROL:

Current Quality Control and Quality Assurance procedures documented in the March 1999 Quality Assurance Project Plan will be implemented.

1. Laboratory confirmation testing (soil samples) will be conducted at a rate of 5%. QA samples will be analyzed by the EPA Region 7 laboratory.
2. Recommended manufacturer XRF instrument calibration procedures will be followed.

REFERENCES:

1. United States Environmental Protection Agency, Superfund Lead-Contaminated Residential Sites Handbook, OSWER 9285.7-50, August 2003.
2. Quality Assurance Project Plan (QAPP), Omaha Lead Refining Site Investigation, Omaha, Nebraska. Revision 1, EPA Work Assignment No. 025-SISI-07ZY. Prepared by Sverdrup Environmental, Inc. March 22, 1999.
3. Remedial Investigation/Feasibility Study Field Sampling Plan Addendum, Omaha Lead Refining Site Investigation, Omaha, Nebraska. USEPA Contract No. 68-W5-0004, USEPA Work Assignment No. 070-RICO-07ZY. Prepared by Black & Veatch Special Projects Corporation (BVSPC), January 2004.

Drip Zone (DZ) Width Determination Study Field Sampling Protocol

INTRODUCTION:

This document presents BVSPC's DZ Width Study Field Sampling Protocol, based on the Memorandum dated, 7 November, *Revised draft Drip Zone (DZ) Width Determination Study*. The information in this document will be incorporated into the project Field Sampling Plan. EPA review comments resulted in significant changes to the November 7 Memorandum. This Protocol includes the additional field sheet

SAMPLING PLAN FEATURES/SPECIFICS:

The following features or procedures will be incorporated into the Field Sampling Plan:

- Drip zone sampling will be conducted concurrently with residential property soil samples (quadrant, DZ and Play zone sampling per the EPA Handbook, see Reference 1). Sampling Teams shall evaluate whether the property is a suitable candidate for Drip Zone Sampling. The suitability criteria are as follows: At least two drip zone samples to 10 feet from the foundation are possible on adjacent sides of the dwelling. Walkways or driveways that occupy not more than 2- 3 feet of the 10-foot area are not a problem. The residence should be approximately pre-1960 construction.
- 30 residences shall be included in the study. Up to 5 of the 30 residences should have a brick exterior.
- Soil samples shall be collected at 6-inch interval from the foundation to a maximum of 10-feet. Sample collection methods will match existing OLS residential soil sampling procedures (See Reference 3). Samples will consist of aliquots, 0 – 1" depth, located within one foot of the tape measure: Sampling team shall diagram or describe aliquot locations.
- Labeling: Sample identification shall be as follows: Sample labeling: DZ - ## - N (S,E,W) – BVID. N, S, E, W refers to exterior wall orientation.
- Decontamination procedures will match those currently being used. Dry, decontaminated spoons or trowels will be used to collect every soil sample. New nitrile gloves will be donned at each new DZ sampling location.
- Soil sample XRF Analyses will be completed at the BVSPC Project Office, in Omaha. Current soil sample preparation and XRF office screening and QA/QC procedures will be followed. Samples will be sieved using a No. 10 sieve. Office screening analyses will be conducted using an Innovex XRF unit.
- The Sampling Team will record the following information on the Drip Zone Study Field Sheet:
 - a. Site grading and drainage (positive, away from structure or negative).

- b. Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- c. Presence of gutters, location of downspouts and drainage swales;
- d. Exterior finish (paint, vinyl siding, brick).
- e. Paint condition, and field XRF results;
- f. DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- g. DZ sample locations and wall orientation (N, S, E, W)
- h. Digital photos will be taken at each DZ sampling location. Additional photos may be taken.

QUALITY CONTROL:

- Quality Control and Quality Assurance procedures documented in the March 1999 Quality Assurance Project Plan will be implemented.
- Laboratory confirmation testing will be conducted at a rate of 5%: One QA sample per 20 samples collected and analyzed using office screening XRF. QA samples will be analyzed by the EPA Region 7 laboratory. Quality control Samples will be labeled as follows:
- Recommended manufacturer XRF instrument calibration procedures will be followed.

REFERENCES:

1. United States Environmental Protection Agency, Superfund Lead-Contaminated Residential Sites Handbook, OSWER 9285.7-50, August 2003.
2. Quality Assurance Project Plan (QAPP), Omaha Lead Refining Site Investigation, Omaha, Nebraska. Revision 1, EPA Work Assignment No. 025-SISI-07ZY. Prepared by Sverdrup Environmental, Inc. March 22, 1999.
3. Remedial Investigation/Feasibility Study Field Sampling Plan Addendum, Omaha Lead Refining Site Investigation, Omaha, Nebraska. USEPA Contract No. 68-W5-0004, USEPA Work Assignment No. 070-RICO-07ZY. Prepared by Black & Veatch Special Projects Corporation (BVSPC), January 2004.

APPENDIX B

DRIP ZONE WIDTH STUDY

ORGANIZED DATA TABLES

Omaha Lead Site - Drip Zone Width Study

Table B-1 - Raw Data Sorted by BVID (Property Identification Number)

BVID & Series	Distance From Exterior Foundation Wall																					
	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	(blank)
10283-S							503.32	1008.73	597.14	762.71	469.74	388.78	588.17	869.52	515.96	456.11	461.03	365.81	315.94	323.53	297.37	
10283-W	325.58	253.08	273.26	301.34	305.26				197.09	209.35	274.62	188.5	175.5	133.92	136.16	119.06	132.79	114.27	104.64	131.42	111.89	
12271-E	370.79	345.03	292.6	317.43	199.4	132.24	157.64	239.57	260.58	319.42	310.6	292.71	280.93	249.07	210.75	228.02	182.8	183.93	244.57	227.3	169.3	
12271-S	276.88	357.7	469.83	303.45	259.03	261.77	173.53	123.32	113.55	112.01	165.47	229.27	179.25	155.12	136.64	154.48	143.45	141.04	106.82	113.22	108.63	
13285-E	206.29	310.46	222.78	204.72	178.93	148.47	160.59	187.04	189.94	197.8	219.03	209.95	160.64	140.93	125.98	133.43	118.64	133.6	128.21	133.62	133.88	
13285-N	30.07	25.12	39.82	50.57	61.72	63.95	54.71	68.8	64.45	66.64	70.25	71.25	69.85	61.71	67.99	68.89	70.72	54.49	66.82	62.98	80.3	
14410-E	104.9	141.11	91.01	70.15	66.09	68.99	56.39	63.71	49.07	61.02	59.04	52.49	54.99	48.99	58.9	64.46	95.06	88.78	111.71	85.15	247.23	
14410-N	42.91	26.11	26.77	39.82	50.82	37.79	45.69	57.65	57.86	72.09	63.15	55.57	61.47	72.22	43.98	53.2	49.33	48.59	48.37	49.22	51.55	
14414-E						1059.9	902.82	1130.67	1421.66	733.63	982.39	2390.33	709.98	617	591.46	320.13	310.27	221.05	321.7	174.66	234.27	
14414-S	342.71	313.51	280.61	248.4	253.56	185.15	176.95	176.74	167.71	147.42	135.85	135.16	116.34	103.84	117.86	114.08	122.86	73.6	42.56	21.31	80.1	
14532-N							319.15	1478.29	614.81	560.87	327.92	314.71	381.2	298.84	426.16	349.11	319.87	283.86	216.38	233.32	174.88	
14532-W	249.22	196.29	89.69	234.79	203.62	281.77	270.11	268.98	231.25	212.89	241.11	207.905	177.74	174.7	197.6	282.43	225.15	201.47	217.53	213.31	221.9	
15951-E	1850.85	1274.54	897.86	900.43	851.16	710.32	431.46					293.73	255.92	386	338.36	305.47	292.16	304.3	314.94	335.63	293.76	
15951-S	1816.55	1174.52					823.42	793.07	743.28	720.38	864.28	797.11	782.99	741.19	692.78	637.85	581.04	610.69	472.49	513.73	398.93	
16201-E	445.6	236.98	303	251.25	754.58				270.67	220.34	155.6	148.26	160.88	210.89	225.94	256.35	289.47	228.52	277.85	198.48	167.43	
16201-S	130.22	296.93	411.21	382.53	552.62	545.28	1094.06	648.86	731.59	613	640.08	464.32	385.25	356	258.22	254.14	259.78	236.91	211.85	207.83	198.09	
18203-E	3647.55	2796.48	2943.31	2162.71	1955.37	1511.12	1586.36	1137.74	1271.88	1287.93	865	1432.7	2015.3	632.64	735.44	679.75	690.04	423.38	316.62	345.36	453.21	
18203-N	2174.64	2220.79	1973.65	1657.17	1739.64	1883.3	1819.63		740.76	771.99	1189.96	828.48	853.25	925.34	748.35	621.81	721.63	744.63	801.53	440.42	457.66	
2452-S	428.57	424.19	407.14	454.88	391.91	330.19	330.72	436.36	742.93	598.02	494.55	387.07	393.84	321.28	347.58	355.75	429.78	415.05	403.43	345.51	338.14	
2452-W	292.24	176.53	282.79	379.08	212.12	225.03	312.62	364.81	320.74	283.44	225.62	308.45	278.01	257.72	242.12	235.14	205.29	199.11	261.72	215.23	197.23	
25551-E						503.75	543.69	456.21	555.54	680.21	598.95	626.25	755.42	764.13	1037	1270.82	1139.16	922.65	820.25	1009.78	1114.99	
25551-N	781.1	673.66	715.82	621.73	645.34	853.77	771.86	777.77	825.26	708.14	855.46	788.95	835.87	677.5	806.14	862.09	907.72	924.02	903.72	809.48	550.27	
30262-S	664.75	1372.34	664.51	318.63	443.34	252.06	291.02	1819.42	214.24	139.25	134.15	126.28	131.33	97.34	74.33	95.65	84.5	74.94	88.19	138.72	90	
30262-W	908.99	790.15	497.68	392.45	193.42	192.19	170.99	116.91	123.86	96.07	84.44	75.39	64.47	70.86	80.35	69.72	74.13	88.09	63.21	66.23	54.83	
30444-E	556.6	359.42	281.78	236.78	228.02	248.91	233.03	377.21	234.11	179.83	162.96	152.36	133.7	136.34	138.86	112.67	107.76	100.52	101.51	111.33	94.53	
30444-S	324.59	287.12	298.1	323.74					646.78	227.02	186.29	157.84	153.2	174.13	148.34	72.97	78.02	64.81	75.21	52.4	55.46	
32409-E	51.99	39.76	46.37	48.25	59.15	60.66	64.99	68.73	59.31	83.29	64.55	83.26	63.31	51.92	48.47	45.22	48.68	49.59	42	50.18	42.54	
32409-W	51.76	55.26	52.74	67.95	45.24	58.92	63.21	58.74	59.12	62.72	79.18	71.22	78.03	116.55	66.26	74.66	61	67.8	64.53	66.15	54.21	
32501-E	945.1	987.35	719.79	420.29	418.43	338.57	457.17	384.23	417.14	443.73	425.37	381.88	426.63	497.53	492.26	410.09	499.11	414.05	369.94	337.85	279.59	
32501-W	101.96	94.99	107.09	94.53	137.57	100.05	117.73	102.35	130.95	138.14	110.11	146.35	141.22	126.74	117.37	121.2	138.25	142.99	163.55	213.23	204.93	
32744-N	276.73	818.39	276.62	220.34	390.06	443.2	495.8	620.63	712.66	603.08	455.5	526.57	495.23	382.51	395.12	354.52	329.87	335.48	357.52	284.56	306.29	
32744-W	2260.13	1799.11	2120.86	2173.69	1779.5	1427.37	1364	1246.23	1204.44	896.75	1165.59	844.21	795.55	705.53	499.59	382.81	386.98	392.44	304.99	269.63	255	
33427-E				1830.77	1795	1282.21	1223.26	870.25	870.37	814.17	811	684.21	541.92	600	649.63	545.27	571.33	631.34	554.93	416.71	382.07	
33427-S	2450.7	2145.91	2283.82	2374.08	1533.28	1520.85	1095.8	1198.08	1501.81	1053.73	906.59	755.98	734.3	602.5	670.3	510.6	484.34	555.15	496.48	445.64	397.32	
33601-E	322.05	244.58	222.38				132.54	134.3	136.44	116.44	97.71	112.01	128.34	93.62	101.94	92.2	95.56	83.94	78.49	68.19	65.16	
33601-S	362.72	340.78	261.37	255.89	211.31	181.32	183.85	149.06	135.22	132.5	121.29	114.79	125.2	116.17	123.24	113.25	119.95	107.83	105.21	96.37	88.38	
36911-E	90.18	45.29	94.75	283.07	326.07	266.39	183.32	216.59	196.02	184.56	203.76	262.72	325.02	358.35	315.06	350.5	369.63	384.21	504.86	593.29	532.82	
36911-S	1425.7	1150.69	1306.1				465.63	413.88	335.21	359	395.53	331.89	240.5	234.99	228.49	210.4	203.08	198.06	182.09	183.52	155.55	
37404-E	350.62	471.11	1125.37	1753.62	1308.54	1262.89	386.46	519.84	399.2	287.8	318.67	241.78	190.82	194.81	188.64	156.03	167.73	168.29	172.55	151.87	144.29	
37404-N	411.65	588.1	1093.85	816.52																		

OMAHA LEAD SITE -- DRIP ZONE WIDTH STUDY																							
TABLE B-2: DRIP ZONE DATA SORTED BY GEOGRAPHIC AREA																							
South Cluster																							
		Distance from Foundation																					
	Series	SIDING TYPE	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
1	2452-S		428.57	424.19	407.14	454.88	391.91	330.19	330.72	436.36	742.93	598.02	494.55	387.07	393.84	321.28	347.58	355.75	429.78	415.05	403.43	345.51	338.14
	2452-W		292.24	176.53	282.79	379.08	212.12	225.03	312.62	364.81	320.74	283.44	225.62	308.45	278.01	257.72	242.12	235.14	205.29	199.11	261.72	215.23	197.23
2	10283-S								503.32	1008.73	597.14	762.71	469.74	388.78	588.17	869.52	515.96	456.11	461.03	365.81	315.94	323.53	297.37
	10283-W		325.58	253.08	273.26	301.34	305.26				197.09	209.35	274.62	188.5	175.5	133.92	136.16	119.06	132.79	114.27	104.64	131.42	111.89
3	12271-E	AL Siding	370.79	345.03	292.6	317.43	199.4	132.24	157.64	239.57	260.58	319.42	310.6	292.71	280.93	249.07	210.75	228.02	182.8	183.93	244.57	227.3	169.3
	12271-S	AL Siding	276.88	357.7	469.83	303.45	259.03	261.77	173.53	123.32	113.55	112.01	165.47	229.27	179.25	155.12	136.64	154.48	143.45	141.04	106.82	113.22	108.63
4	13285-E	Vinyl Siding	206.29	310.46	222.78	204.72	178.93	148.47	160.59	187.04	189.94	197.8	219.03	209.95	160.64	140.93	125.98	133.43	118.64	133.6	128.21	133.62	133.88
	13285-N	Vinyl Siding	30.07	25.12	39.82	50.57	61.72	63.95	54.71	68.8	64.45	66.64	70.25	71.25	69.85	61.71	67.99	68.89	70.72	54.49	66.82	62.98	80.3
5	14410-E	Vinyl Siding	104.9	141.11	91.01	70.15	66.09	68.99	56.39	63.71	49.07	61.02	59.04	52.49	54.99	48.99	58.9	64.46	95.06	88.78	111.71	85.15	247.23
	14410-N	Vinyl Siding	42.91	26.11	26.77	39.82	50.82	37.79	45.69	57.65	57.86	72.09	63.15	55.57	61.47	72.22	43.98	53.2	49.33	48.59	48.37	49.22	51.55
6	14414-E							1059.9	902.82	1130.67	1421.66	733.63	982.39	2390.33	709.98	617	591.46	320.13	310.27	221.05	321.7	174.66	234.27
	14414-S		342.71	313.51	280.61	248.4	253.56	185.15	176.95	176.74	167.71	147.42	135.85	135.16	116.34	103.84	117.86	114.08	122.86	73.6	42.56	21.31	80.1
7	14532-N								319.15	1478.29	614.81	560.87	327.92	314.71	381.2	298.84	426.16	349.11	319.87	283.86	216.38	233.32	174.88
	14532-W		249.22	196.29	89.69	234.79	203.62	281.77	270.11	268.98	231.25	212.89	210.95	241.11	177.74	174.7	197.6	282.43	225.15	201.47	217.53	213.31	221.9
8	15951-E		1850.85	1274.54	897.86	900.43	851.16	710.32	431.46					293.73	255.92	386	338.36	305.47	292.16	304.3	314.94	335.63	293.76
	15951-S		1816.55	1174.52					823.42	793.07	743.28	720.38	864.28	797.11	782.99	741.19	692.78	637.85	581.04	610.69	472.49	513.73	398.93
9	16201-E		445.6	236.98	303	251.25	754.58				270.67	220.34	155.6	148.26	160.88	210.89	225.94	256.35	289.47	228.52	277.85	198.48	167.43
	16201-S		130.22	296.93	411.21	382.53	552.62	545.28	1094.06	648.86	731.59	613	640.08	464.32	385.25	356	288.22	254.14	259.78	236.91	211.85	207.83	198.09
10	18203-E		3647.55	2796.48	2943.31	2162.71	1955.37	1511.12	1586.36	1137.74	1271.88	1287.93	865	1432.7	2015.3	632.64	735.44	679.75	690.04	423.38	316.62	345.36	453.21
	18203-N		2174.64	2220.79	1973.65	1657.17	1739.64	1883.3	1819.63		740.76	771.99	1189.96	828.48	853.25	925.34	748.35	621.81	721.63	744.63	801.53	440.42	457.66
11	49066-E	Vinyl Siding	231.66	294.04	211.05	200.09	181.36	164.62	182.51	238.51	155.78	144.86	181.3	170.51	264.28	306.38	153.31	157.3	172.1	169.59	172.38	187.62	151.35
	49066-S	Vinyl Siding	121.72	99.68	154.55	177.6	605.61	160.1	169.14	189.73	142.5	209.23	163.17	163.64	190.16	173.47	162.52	184.38	159.69	181.32	140.32	167.07	129.27
12	49149-N		828.34	570.53	976.22	756.65	568.57	766.79	1299.1	1331.14	1459.43	1241.42	904.25	1222.12	676.8	1152.21	1022.13	1087.26	701.78	786.69	757.68	510.22	459.32
	49149-S		437.98	447.92	429.68	318.36	213.64	244.27	245.92	326.55	326.93	188.55	216.65	219.25	172.45	184.2		155.22	160.71	157.94	141.3	148.42	129.93
	South Cluster Interval Mean		683.58	570.55	538.84	470.57	480.25	462.16	505.27	513.51	472.68	423.26	399.54	458.56	391.05	357.22	328.53	303.08	287.31	265.36	258.22	224.36	220.23
North Cluster																							
		Distance from Foundation																					
	Series	SIDING TYPE	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
1	30262-S		664.75	1372.34	664.51	318.63	443.34	252.06	291.02	1819.42	214.24	139.25	134.15	126.28	131.33	97.34	74.33	95.65	84.5	74.94	88.19	138.72	90
	30262-W		908.99	790.15	497.68	392.45	193.42	192.19	170.99	116.91	123.86	96.07	84.44	75.39	64.47	70.86	80.35	69.72	74.13	88.09	63.21	66.23	54.83
2	30444-E		556.6	359.42	281.78	236.78	228.02	248.91	233.03	377.21	234.11	179.83	162.96	152.36	133.7	136.34	138.86	112.67	107.76	100.52	101.51	111.33	94.53
	30444-S		324.59	287.12	298.1	323.74					646.78	227.02	186.29	157.84	153.2	174.13	148.34	72.97	78.02	64.81	75.21	52.4	55.46
3	32409-E		51.99	39.76	46.37	48.25	59.15	60.66	64.99	68.73	59.31	83.29	64.55	83.26	63.31	51.92	48.47	45.22	48.68	49.59	42	50.18	42.54
	32409-W		51.76	55.26	52.74	67.95	45.24	58.92	63.21	58.74	59.12	62.72	79.18	71.22	78.03	116.55	66.26	74.66	61	67.8	64.53	66.15	54.21
4	32501-E		945.1	987.35	719.79	420.29	418.43	338.57	457.17	384.23	417.14	443.73	425.37	381.88	426.63	497.53	492.26	410.09	499.11	414.05	369.94	337.85	279.59
	32501-W		101.96	94.99	107.09	94.53	137.57	100.05	117.73	102.35	130.95	138.14	110.11	146.35	141.22	126.74	117.37	121.2	138.25	142.99	163.55	213.23	204.93
5	32744-N	AL Siding	276.73	818.39	276.62	220.34	390.06	443.2	495.8	620.63	712.66	603.08	455.5	526.57	495.23	382.51	395.12	354.52	329.87	335.48	357.52	284.56	306.29
	32744-W	AL Siding	2260.13	1799.11	2120.86	2173.69	1779.5	1427.37	1364	1246.23	1204.44	896.75	1165.59	844.21	795.55	705.53	499.59	382.81	386.98	392.44	304.99	269.63	255
6	33427-E					1830.77	1795	1282.21	1223.26	870.25	870.37	814.17	811	684.21	541.92	600	649.63	545.27	571.33	631.34	554.93	416.71	382.07
	33427-S		2450.7	2145.91	2283.82	2374.08	1533.28	1520.85	1095.8	1198.08	1501.81	1053.73	906.59	755.98	734.3	602.5	670.3	510.6	484.34	555.15	496.48	445.64	397.32
7	33601-E		322.05	244.58	222.38				132.54	134.3	136.44	116.44	97.71	112.01	128.34	93.62	101.94	92.2	95.56	83.94	78.49	68.19	65.16
	33601-S		362.72	340.78	261.37	255.89	211.31	181.32	183.85	149.06	135.22	132.5	121.29	114.79	125.12	116.17	123.24	113.25	119.95	107.83	105.21	96.37	88.38
8	36911-E		90.18	45.29	94.75	283.07	326.07	266.39	183.32	216.59	196.02	184.56	203.76	262.72	325.02	358.35	315.06	350.5	369.63	384.21	504.86	593.29	532.82
	36911-S		1425.7	1150.69	1306.1				465.63	413.88	335.21	359	395.53	331.89	240.5	234.99	228.49	210.4	203.08	198.06	182.09	183.52	155.55

		OMAHA LEAD SITE -- DRIP ZONE WIDTH STUDY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

OMAHA LEAD SITE -- DRIP ZONE WIDTH STUDY																									
TABLE B-4 --		Data sorted Horizontally (by Series).																							
		Note that data is no longer sorted according to distance from foundation.																							

APPENDIX C

LEAD-BASED PAINT ASSESSMENT DATA (Residences Included in the DZWS)

BVID	Address	XRF ID #	Structure	Feature	Paint Color	Condition	XLNo	Ssec	Date/Time	Result	Pbc	Pbc Error
2452 1314 S 31 ST		E-PS-2	Siding	Siding	Tan	Good	26	7.2	12/27/2005 14:48	NEG	0	0.01
2452 1314 S 31 ST		S-PS-1	Garage	Siding	Tan	Good	30	4.8	12/27/2005 14:51	NEG	0	0.01
2452 1314 S 31 ST		S-PS-2	Door	Frame	Tan	Poor	28	5.1	12/27/2005 14:50	NEG	0	0.08
2452 1314 S 31 ST		S-PS-1	Window	Frame	Tan	Poor	27	8.6	12/27/2005 14:49	POS	5.58	1.66
2452 1314 S 31 ST		W-PS-1	Window	Frame	Tan	Poor	29	7.2	12/27/2005 14:50	POS	5.29	2.05
2452 1314 S 31 ST		E-PS-1	Column	Column	Tan	Poor	25	4.9	12/27/2005 14:48	POS	9.5	3.19
10283 4541 S 18 ST		W-PS-2	Trim	Trim	Green	Good	21	4.9	12/15/2005 14:28	NEG	0.08	0.04
10283 4541 S 18 ST		N-PS-3	Window	Frame	Green	Good	25	4.9	12/15/2005 14:33	NEG	0.14	0.1
10283 4541 S 18 ST		W-PS-3	Foundation	Concrete	Grey	Poor	22	11.8	12/15/2005 14:28	NEG	0.05	0.22
10283 4541 S 18 ST		E-PS-2	Siding	Siding	White	Good	28	5	12/15/2005 14:39	NEG	0.23	0.26
10283 4541 S 18 ST		E-PS-1	Foundation	Brick	Grey	Poor	27	16.6	12/15/2005 14:38	POS	3.06	0.46
10283 4541 S 18 ST		S-PS-1	Siding	Siding	White	Good	30	13	12/15/2005 14:42	POS	1.83	0.52
10283 4541 S 18 ST		W-PS-1	Siding	Siding	White	Good	20	13.7	12/15/2005 14:27	NEG	0.01	0.78
10283 4541 S 18 ST		N-PS-2	Foundation	Brick	Grey	Poor	24	6.7	12/15/2005 14:32	POS	5.1	1.16
10283 4541 S 18 ST		S-PS-3	Window	Trim	Green	Poor	32	4.8	12/15/2005 14:43	POS	6.65	2.69
10283 4541 S 18 ST		N-PS-1	Siding	Siding	White	Good	23	5	12/15/2005 14:30	POS	10.01	3.06
10283 4541 S 18 ST		S-PS-2	Foundation	Brick	Grey	Poor	31	4.7	12/15/2005 14:42	POS	8.34	3.21
10283 4541 S 18 ST		N-PS-4	Foundation	Brick	Grey	Poor	26	4.2	12/15/2005 14:34	POS	9.2	3.79
10283 4541 S 18 ST		E-PS-3	Siding	Siding	White	Good	29	3	12/15/2005 14:40	POS	16.88	7.16
12271 3971 S 39 AV		E-PS-1	Door	Frame	Green	Good	48	5	12/16/2005 15:56	NEG	0	0.01
12271 3971 S 39 AV		W-PS-2	Garage	Door	Green	Good	51	5	12/16/2005 15:59	NEG	0	0.01
12271 3971 S 39 AV		W-PS-3	Garage Door	Trim	Green	Good	52	4.9	12/16/2005 16:01	NEG	0	0.01
12271 3971 S 39 AV		N-PS-1	Window	Frame	Green	Good	49	5.1	12/16/2005 15:57	NEG	0	0.1
12271 3971 S 39 AV		S-PS-1	Window	Frame	Green	Good	46	13.1	12/16/2005 15:52	NEG	0.66	0.16
12271 3971 S 39 AV		W-PS-1	Garage Found.	Cement blk	Green	Good	50	11.8	12/16/2005 15:58	NEG	0.06	0.19
12271 3971 S 39 AV		W-PS-2	Column	Column	Green	Good	45	9	12/16/2005 15:52	POS	2.44	0.85
12271 3971 S 39 AV		S-PS-2	Window	Frame	Green	Good	47	9.4	12/16/2005 15:53	POS	4.9	1.67
12271 3971 S 39 AV		W-PS-1	Column	Column	Green	Good	44	2.9	12/16/2005 15:50	POS	21.76	10.14
13285 3523 Valley ST		N-PS-2	Window	Frame	White	Good	42	5	12/16/2005 14:44	NEG	0	0.01
13285 3523 Valley ST		N-PS-1	Window	Sill	White	Poor	41	5.1	12/16/2005 14:44	NEG	0	0.06
13285 3523 Valley ST		E-PS-1	Foundation	Cement blk	White	Fair to Good	43	18.5	12/16/2005 14:47	NEG	0.05	0.13
14410 3608 Frederick ST		S-PS-1	Window	Frame	Brown	Poor	5	21.3	12/16/2005 8:59	NEG	0.82	0.17
14410 3608 Frederick ST		N-PS-1	Window	Frame	Brown	Poor	8	21.4	12/16/2005 9:07	NEG	0.83	0.2
14410 3608 Frederick ST		S-PS-2	Window	Frame	Brown	Poor	6	21.4	12/16/2005 9:03	NEG	0.86	0.21
14410 3608 Frederick ST		E-PS-1	Window	Frame	Brown	Poor	7	5	12/16/2005 9:05	NEG	0.45	0.26
14410 3608 Frederick ST		W-PS-1	Window	Frame	Brown	Poor	9	11.3	12/16/2005 9:08	NEG	0.58	0.27
14414 2311 Spring ST		E-PS-1	Siding	Siding	Yellow	Good	31	6.9	12/27/2005 16:13	NEG	0	0.01
14414 2311 Spring ST		S-PS-1	Siding	Siding	Yellow	Good	33	4.8	12/27/2005 16:15	NEG	0	0.01
14414 2311 Spring ST		E-PS-2	Foundation	Cement Blk	White	Poor	32	9.5	12/27/2005 16:13	NEG	0.04	0.24
14414 2311 Spring ST		N-PS-1	Garage	Siding	Grey	Good	34	12.9	12/27/2005 16:16	NEG	0.23	0.24
14532 3015 Frederick ST		W-PS-2	Fence	Fence	Red	Poor	19	5.1	12/16/2005 10:39	NEG	0	0.01
14532 3015 Frederick ST		N-PS-1	Garage	Siding	Green	Good	20	5	12/16/2005 10:40	NEG	0	0.01
14532 3015 Frederick ST		N-PS-2	Siding	Stucco	Green	Good	11	18.5	12/16/2005 10:29	NEG	0.01	0.02
14532 3015 Frederick ST		S-PS-3	Porch	Step	Red	Good	16	4.7	12/16/2005 10:36	NEG	0.02	0.02
14532 3015 Frederick ST		W-PS-1	Siding	Stucco	Green	Good	18	11.8	12/16/2005 10:38	NEG	0.01	0.07
14532 3015 Frederick ST		S-PS-2	Foundation	Cement blk	Green	Good	15	7.5	12/16/2005 10:35	NEG	0.07	0.24
14532 3015 Frederick ST		E-PS-1	Garage	Wind. Frame	White	Fair to Good	22	10.9	12/16/2005 10:42	NEG	0.61	0.26
14532 3015 Frederick ST		S-PS-1	Column	Column	White	Fair to Poor	14	21	12/16/2005 10:32	NEG	0.67	0.29
14532 3015 Frederick ST		E-PS-1	Window	Frame	White	Fair to Poor	12	4.9	12/16/2005 10:30	NEG	0.02	0.31
14532 3015 Frederick ST		W-PS-1	Garage	Door	White	Fair to Good	21	8.8	12/16/2005 10:41	POS	2.61	0.78
14532 3015 Frederick ST		S-PS-4	Window	Frame	White	Poor	17	7.1	12/16/2005 10:37	POS	6.29	2.32
14532 3015 Frederick ST		E-PS-2	Door	Overhang	White	Fair to Poor	13	5.1	12/16/2005 10:32	POS	9.11	2.92
14532 3015 Frederick ST		N-PS-1	Porch	Ledge	Green	Poor	10	4.7	12/16/2005 10:27	POS	12.39	3.64
15951 2604 S 32 ST		E-PS-3	Window	Frame	White	Fair to Poor	25	5	12/16/2005 12:49	NEG	0	0.01
15951 2604 S 32 ST		W-PS-2	Garage	Door Frame	White	Poor	32	5.1	12/16/2005 12:59	NEG	0	0.01
15951 2604 S 32 ST		W-PS-1	Siding	Siding	Grey	Good	30	5.1	12/16/2005 12:56	NEG	0	0.02
15951 2604 S 32 ST		E-PS-1	Garage	Column	White	Fair	31	5.1	12/16/2005 12:57	NEG	0	0.07
15951 2604 S 32 ST		E-PS-1	Siding	Siding	Grey	Good	23	5	12/16/2005 12:44	NEG	0	0.09
15951 2604 S 32 ST		N-PS-1	Window	Frame	White	Poor	27	5	12/16/2005 12:54	NEG	0	0.11
15951 2604 S 32 ST		S-PS-2	Window	Frame	White	Poor	29	3	12/16/2005 12:55	NEG	0	0.11
15951 2604 S 32 ST		N-PS-1	Shed	Siding	Grey	Good	33	3	12/16/2005 12:59	NEG	0	0.11
15951 2604 S 32 ST		E-PS-2	Column	Column	White	Fair to Poor	24	3	12/16/2005 12:48	NEG	0	0.15
15951 2604 S 32 ST		S-PS-1	Porch	Column	White	Fair to Good	28	3	12/16/2005 12:55	NEG	0.01	0.21
15951 2604 S 32 ST		E-PS-4	Window	Frame	Brown	Fair to Poor	26	5.1	12/16/2005 12:50	NEG	0.01	0.27
16201 2104 Bancroft ST		E-PS-2	Foundation	Brick	Tan	Good	36	14.1	12/15/2005 15:38	NEG	0	0.01
16201 2104 Bancroft ST		E-PS-3	Siding	Siding	Tan	Good	37	5.1	12/15/2005 15:39	NEG	0	0.01
16201 2104 Bancroft ST		S-PS-1	Foundation	Stucco	Tan	Good	33	14.2	12/15/2005 15:32	NEG	0.01	0.03
16201 2104 Bancroft ST		W-PS-1	Window	Frame	Tan	Poor	38	22.1	12/15/2005 15:42	POS	1.55	0.51
16201 2104 Bancroft ST		S-PS-2	Window	Frame	Tan	Good	34	7	12/15/2005 15:36	POS	5.51	1.82
16201 2104 Bancroft ST		E-PS-1	Window	Frame	Tan	Fair to Poor	35	2.9	12/15/2005 15:37	POS	20.39	9.52
18203 3323 Frances ST		N-PS-4	Foundation	Bottom Trim	White	Good	20	7.3	12/27/2005 13:40	NEG	0	0.01
18203 3323 Frances ST		W-PS-1	Garage	Siding	Grey	Good	24	6.9	12/27/2005 13:47	NEG	0	0.01
18203 3323 Frances ST		N-PS-2	Porch	Ledge	White	Good	18	4.9	12/27/2005 13:35	NEG	0.22	0.17
18203 3323 Frances ST		E-PS-1	Window	Frame	White	Good	21	11.4	12/27/2005 13:41	NEG	0.36	0.17
18203 3323 Frances ST		E-PS-2	Siding	Siding	Grey	Good	22	21.4	12/27/2005 13:43	POS	1.04	0.19
18203 3323 Frances ST		W-PS-1	Siding	Trim	White	Poor	23	6.7	12/27/2005 13:45	POS	5.57	2.01

BVID	Address	XRF ID #	Structure	Feature	Paint Color	Condition	XLNo	Ssec	Date/Time	Result	Pbc	Pbc	Error
18203 3323	Frances ST	N-PS-1	Siding	Siding	Grey	Good	17	4.8	12/27/2005 13:35	POS	8.87		2.87
18203 3323	Frances ST	N-PS-3	Foundation	Lattice	Grey	Good	19	2.7	12/27/2005 13:38	POS	26.05		11.49
25551 3861	Charles ST	N-PS-2	Siding	Siding	Grey	Good	6	7.6	12/21/2005 10:06	NEG	0		0.01
25551 3861	Charles ST	E-PS-2	Siding	Siding	White	Good	9	14.3	12/21/2005 10:09	NEG	0		0.01
25551 3861	Charles ST	N-PS-2	Garage	Door Frame	Blue	Fair	11	5.1	12/21/2005 10:11	NEG	0		0.01
25551 3861	Charles ST	N-PS-1	Garage	Siding	White	Fair	10	5	12/21/2005 10:10	NEG	0.01		0.03
25551 3861	Charles ST	E-PS-1	Window	Top Sash	Grey	Poor	8	45.7	12/21/2005 10:07	POS	1.07		0.2
25551 3861	Charles ST	NULL	NULL	NULL	NULL	NULL	7	17	12/21/2005 10:07	INCOM	1.35		0.43
25551 3861	Charles ST	N-PS-1	Window	Sill	Black	Poor	5	5.7	12/21/2005 10:04	POS	2.62		0.68
30262 3208 N 41	ST	S-PS-4	Storm Window	Sill	White	Poor	43	8.9	12/20/2005 14:08	NEG	0.55		0.2
30262 3208 N 41	ST	E-PS-3	Porch	Step	Blue	Poor	38	14.2	12/20/2005 14:04	NEG	0.05		0.23
30262 3208 N 41	ST	S-PS-2	Window	Frame	White	Poor	41	9	12/20/2005 14:07	NEG	0.38		0.24
30262 3208 N 41	ST	S-PS-3	Foundation	Cement Blk	White	Fair to Poor	42	22	12/20/2005 14:07	NEG	0.38		0.37
30262 3208 N 41	ST	N-PS-1	Door	Door	White	Poor	44	60.5	12/20/2005 14:09	NEG	0.73		0.44
30262 3208 N 41	ST	S-PS-1	Siding	Siding	White	Fair to Poor	40	21.9	12/20/2005 14:06	POS	1.63		0.63
30262 3208 N 41	ST	E-PS-1	Siding	Siding	White	Fair to Poor	36	22	12/20/2005 14:02	POS	1.71		0.81
30262 3208 N 41	ST	NULL	NULL	NULL	NULL	NULL	39	3	12/20/2005 14:05	POS	0.85		0.91
30262 3208 N 41	ST	W-PS-2	Foundation	Cement Blk	White	Fair to Poor	46	18.4	12/20/2005 14:12	NEG	-0.52		1.2
30262 3208 N 41	ST	W-PS-1	Siding	Siding	White	Fair to Poor	45	9.6	12/20/2005 14:11	POS	5.16		1.63
30262 3208 N 41	ST	E-PS-2	Window	Frame	White	Poor	37	7.3	12/20/2005 14:03	POS	4.92		1.9
30444 3229 N 41	ST	W-PS-3	Window	Frame	White	Poor	47	20.3	12/20/2005 14:13	POS	2.04		0.87
30444 3229 N 41	ST	S-PS-2	Siding	Siding	Blue	Poor	52	17.7	12/20/2005 15:26	POS	2.24		0.92
30444 3229 N 41	ST	E-PS-2	Siding	Siding	Blue	Poor	55	13.6	12/20/2005 15:29	POS	2.62		1.1
30444 3229 N 41	ST	W-PS-2	Siding	Bottom Trim	White	Poor	49	13.2	12/20/2005 15:24	POS	2.89		1.25
30444 3229 N 41	ST	E-PS-1	Window	Frame	White	Poor	54	9.4	12/20/2005 15:27	POS	3.88		1.47
30444 3229 N 41	ST	W-PS-1	Siding	Siding	Blue	Poor	48	5.3	12/20/2005 15:23	POS	7.27		2.9
30444 3229 N 41	ST	S-PS-1	Siding	Bottom Trim	White	Poor	51	5.2	12/20/2005 15:25	POS	11.68		3.48
30444 3229 N 41	ST	W-PS-3	Porch	Column	White	Poor	50	3	12/20/2005 15:24	POS	12.64		4.15
30444 3229 N 41	ST	N-PS-1	Siding	Siding	Blue	Poor	57	3	12/20/2005 15:30	POS	10.21		4.52
30444 3229 N 41	ST	E-PS-3	Siding	Bottom Trim	White	Poor	56	3	12/20/2005 15:30	POS	11.08		4.6
30444 3229 N 41	ST	S-PS-3	Window	Frame	White	Poor	53	3	12/20/2005 15:26	POS	13.02		5.18
32409 3735 N 40	ST	N-PS-1	Window	Sill	White	Fair	12	5.1	12/22/2005 10:10	NEG	0		0.01
32409 3735 N 40	ST	W-PS-2	Window	Shutter	White	Good	6	4.9	12/22/2005 10:03	NEG	0		0.02
32409 3735 N 40	ST	W-PS-1	Foundation	Cement Blk	Tan	Fair to Good	5	84.8	12/22/2005 10:01	NEG	0		0.04
32409 3735 N 40	ST	W-PS-3	Window	Frame	White	Good	7	5.1	12/22/2005 10:04	NEG	0		0.07
32409 3735 N 40	ST	E-PS-1	Foundation	Cement Blk	White	Good	10	20.4	12/22/2005 10:07	NEG	0.12		0.17
32409 3735 N 40	ST	E-PS-2	Window	Frame	White	Fair	11	3.1	12/22/2005 10:08	NEG	0.11		0.28
32409 3735 N 40	ST	S-PS-2	Foundation	Cement Blk	White	Good	9	9.4	12/22/2005 10:07	NEG	0.08		0.32
32409 3735 N 40	ST	S-PS-1	Window	Frame	White	Poor	8	45.9	12/22/2005 10:05	NEG	0.42		0.55
32501 3748 N 40	ST	E-PS-1	Porch	Step	Tan	Good	13	5	12/22/2005 10:59	NEG	0		0.01
32501 3748 N 40	ST	E-PS-4	Foundation	Bottom Trim	White	Good	16	5	12/22/2005 11:00	NEG	0		0.01
32501 3748 N 40	ST	E-PS-3	Foundation	Cement Blk	Tan	Good	15	7.4	12/22/2005 11:00	NEG	0.02		0.04
32501 3748 N 40	ST	N-PS-1	Siding	Siding	White	Good	17	5	12/22/2005 11:01	POS	11.53		3.28
32501 3748 N 40	ST	S-PS-2	Foundation	Bottom Trim	White	Good	23	5	12/22/2005 11:05	POS	11.8		3.44
32501 3748 N 40	ST	N-PS-2	Window	Frame	White	Good	18	5	12/22/2005 11:02	POS	14.94		3.54
32501 3748 N 40	ST	W-PS-3	Foundation	Bottom Trim	White	Good	21	5.1	12/22/2005 11:04	POS	18.75		4.56
32501 3748 N 40	ST	S-PS-1	Siding	Siding	White	Good	22	3	12/22/2005 11:05	POS	21.61		6.59
32501 3748 N 40	ST	E-PS-2	Siding	Siding	White	Good	14	3	12/22/2005 10:59	POS	21.49		6.78
32501 3748 N 40	ST	W-PS-2	Window	Frame	White	Good	20	2.9	12/22/2005 11:03	POS	18.59		8.49
32501 3748 N 40	ST	W-PS-1	Siding	Siding	White	Good	19	3	12/22/2005 11:02	POS	26.55		11.09
32744 3724 S 18	ST	W-PS-1	Siding	Siding	White	Fair to Poor	37	5	12/19/2005 15:23	NEG	0		0.01
32744 3724 S 18	ST	W-PS-2	Foundation	Stucco	White	Fair to Poor	38	21	12/19/2005 15:25	NEG	0.01		0.02
32744 3724 S 18	ST	E-PS-1	Foundation	Stucco	White	Poor	35	7.6	12/19/2005 15:21	NEG	0.01		0.06
32744 3724 S 18	ST	S-PS-1	Garage	Siding	Yellow	Good	41	13.4	12/19/2005 15:29	NEG	0.62		0.24
32744 3724 S 18	ST	E-PS-1	Garage	Siding	Yellow	Good	39	9.2	12/19/2005 15:27	NEG	0.61		0.25
32744 3724 S 18	ST	E-PS-2	Garage Wind.	Frame	Yellow	Good	40	8.9	12/19/2005 15:28	NEG	0.53		0.26
32744 3724 S 18	ST	E-PS-2	Foundation	Lattice	White	Poor	36	10.8	12/19/2005 15:22	POS	1.64		0.36
33427 1812	Laird ST	S-PS-2	Window	Frame	Brown	Good	32	5.1	12/19/2005 14:10	NEG	0		0.01
33427 1812	Laird ST	S-PS-1	Porch	Step	Brown	Fair to Poor	31	7.5	12/19/2005 14:09	NEG	0.01		0.03
33427 1812	Laird ST	E-PS-1	Foundation	Stucco	Brown	Good	33	25.2	12/19/2005 14:11	NEG	0.01		0.07
33427 1812	Laird ST	W-PS-1	Door	Threshold	Brown	Poor	34	18.8	12/19/2005 14:13	POS	1.41		0.24
33601 3166	Sprague ST	S-PS-3	Porch	Step	Black	Poor	19	29.8	12/20/2005 11:57	NEG	0.03		0.08
33601 3166	Sprague ST	N-PS-1	Window	Frame	White	Poor	24	19.3	12/20/2005 12:02	POS	1.29		0.22
33601 3166	Sprague ST	E-PS-2	Foundation	Cement Blk	Brown	Good	27	14.1	12/20/2005 12:04	NEG	0.07		0.25
33601 3166	Sprague ST	W-PS-3	Foundation	Cement Blk	White	Poor	23	13.8	12/20/2005 12:00	NEG	0.11		0.27
33601 3166	Sprague ST	S-PS-2	Window	Frame	Black	Poor	18	5	12/20/2005 11:56	NEG	0.26		0.28
33601 3166	Sprague ST	N-PS-2	Siding	Siding	White	Fair to Poor	25	3	12/20/2005 12:03	NEG	0.16		0.31
33601 3166	Sprague ST	S-PS-1	Siding	Siding	White	Poor	17	8.6	12/20/2005 11:54	POS	2		0.53
33601 3166	Sprague ST	W-PS-2	Window	Frame	White	Poor	22	11.2	12/20/2005 11:59	POS	1.92		0.58
33601 3166	Sprague ST	E-PS-1	Siding	Siding	White	Fair	26	8.6	12/20/2005 12:04	POS	3		0.95
33601 3166	Sprague ST	E-PS-3	Window	Frame	Black	Good	28	11.4	12/20/2005 12:05	POS	2.86		1.17
33601 3166	Sprague ST	W-PS-1	Siding	Siding	White	Poor	21	4.5	12/20/2005 11:59	POS	5.99		2.31
33601 3166	Sprague ST	S-PS-4	Door	Frame	Black	Poor	20	5	12/20/2005 11:58	POS	6.84		2.88
36911 5324 N 26	ST	S-PS-1	Window	Boarded Win.	Blue	Poor	8	5.1	12/23/2005 9:56	NEG	0		0.01
36911 5324 N 26	ST	S-PS-3	Siding	Siding	Tan	Fair	10	23.1	12/23/2005 9:57	NEG	0		0.06
36911 5324 N 26	ST	NULL	NULL	NULL	NULL	NULL	13	26.6	12/23/2005 10:32	NEG	0.92		0.08

BVID	Address	XRF ID #	Structure	Feature	Paint Color	Condition	XLNo	Ssec	Date/Time	Result	Pbc	Pbc Error
36911	5324 N 26 ST	N-PS-1	Shed	Siding	Red	Good	12	5	12/23/2005 10:00	NEG	0	0.11
36911	5324 N 26 ST	S-PS-4	Siding	Siding	Tan	Fair	11	48	12/23/2005 9:58	POS	1.61	0.6
36911	5324 N 26 ST	E-PS-2	Window	Frame	Blue	Poor	6	21.6	12/23/2005 9:52	POS	1.89	0.87
36911	5324 N 26 ST	S-PS-2	Window	Frame	Blue	Poor	9	6.8	12/23/2005 9:56	POS	3.46	1.01
36911	5324 N 26 ST	E-PS-1	Siding	Siding	Tan	Fair	5	9.9	12/23/2005 9:45	POS	4.33	1.82
36911	5324 N 26 ST	E-PS-3	Door	Frame	Blue	Poor	7	5.1	12/23/2005 9:55	POS	7.88	2.56
37404	2907 Ellison AV	N-PS-1	Siding	Siding	White	Good	5	3	12/20/2005 10:45	NEG	0	0.01
37404	2907 Ellison AV	N-PS-2	Window	Frame	White	Good	6	7.2	12/20/2005 10:46	NEG	0	0.01
37404	2907 Ellison AV	S-PS-1	Storm Door	Frame	White	Poor	11	4.9	12/20/2005 10:51	NEG	0.01	0.02
37404	2907 Ellison AV	E-PS-3	Foundation	Cement Blk	Brown	Good	10	11.8	12/20/2005 10:50	NEG	0.06	0.07
37404	2907 Ellison AV	N-PS-1	Garage	Siding	White	Fair to Poor	15	5.1	12/20/2005 10:54	NEG	0	0.08
37404	2907 Ellison AV	N-PS-3	Porch	Ledge	White	Good	7	4.9	12/20/2005 10:47	NEG	0.09	0.15
37404	2907 Ellison AV	N-PS-2	Garage	Door	White	Fair to Poor	16	3	12/20/2005 10:55	NEG	0.01	0.25
37404	2907 Ellison AV	W-PS-1	Window	Frame	White	Fair to Poor	13	13.3	12/20/2005 10:53	POS	3.34	1.28
37404	2907 Ellison AV	W-PS-2	Siding	Siding	White	Fair to Poor	14	3.1	12/20/2005 10:53	POS	23.53	7.2
37404	2907 Ellison AV	S-PS-2	Siding	Siding	White	Poor	12	3.1	12/20/2005 10:52	POS	29.52	7.55
37404	2907 Ellison AV	E-PS-1	Siding	Siding	White	Good	8	3.1	12/20/2005 10:48	POS	25.82	7.83
37404	2907 Ellison AV	E-PS-2	Siding	Bottom Trim	Brown	Good	9	2.9	12/20/2005 10:49	POS	22.37	10.56
37459	5524 N 27 ST	E-PS-4	Porch	Step	Blue	Fair to Poor	8	14	12/19/2005 9:46	NEG	0.05	0.13
37459	5524 N 27 ST	W-PS-1	Garage	Siding	White	Fair to Poor	11	3	12/19/2005 9:52	NEG	0	0.14
37459	5524 N 27 ST	E-PS-3	Foundation	Cement Blk	Blue	Good	7	20.9	12/19/2005 9:40	NEG	-0.3	1.12
37459	5524 N 27 ST	E-PS-2	Window	Frame	Blue	Good	6	5.1	12/19/2005 9:40	POS	13.06	3.28
37459	5524 N 27 ST	E-PS-1	Siding	Siding	White	Good	5	3	12/19/2005 9:40	POS	10.39	4.17
37459	5524 N 27 ST	N-PS-1	Siding	Siding	White	Good	9	5.1	12/19/2005 9:47	POS	21.15	4.88
37459	5524 N 27 ST	W-PS-2	Garage	Siding	White	Fair to Poor	12	3.1	12/19/2005 9:52	POS	15.94	5.8
37459	5524 N 27 ST	N-PS-2	Trim	Trim	Blue	Good	10	3	12/19/2005 9:49	POS	25.63	11.28
37506	2427 Ellison AV	E-PS-1	Shed	Siding	White	Poor	19	5.1	12/19/2005 11:05	NEG	0	0.01
37506	2427 Ellison AV	E-PS-2	Shed	Door Frame	White	Poor	20	4.9	12/19/2005 11:05	NEG	0	0.01
37506	2427 Ellison AV	N-PS-2	Garage Door	Frame	White	Poor	22	4.9	12/19/2005 11:08	NEG	0	0.01
37506	2427 Ellison AV	E-PS-1	Garage	Siding	White	Poor	23	5	12/19/2005 11:09	NEG	0	0.01
37506	2427 Ellison AV	E-PS-1	Foundation	Cement Blk	White	Fair to Good	18	27.5	12/19/2005 11:00	NEG	0.04	0.03
37506	2427 Ellison AV	N-PS-2	Porch	Ledge	Grey	Poor	14	5.1	12/19/2005 10:54	NEG	0.02	0.06
37506	2427 Ellison AV	N-PS-1	Garage Door	Door	White	Poor	21	3	12/19/2005 11:06	NEG	0	0.13
37506	2427 Ellison AV	W-PS-1	Foundation	Cement Blk	White	Fair to Good	17	9.8	12/19/2005 10:59	NEG	0.1	0.29
37506	2427 Ellison AV	NULL	NULL	NULL	NULL	NULL	16	44.8	12/19/2005 10:57	INCOM	1.12	0.61
37506	2427 Ellison AV	N-PS-1	Porch	Step	Green	Poor	13	4.2	12/19/2005 10:52	POS	5.1	1.13
37506	2427 Ellison AV	N-PS-3	Porch Step	Stringer	Blue	Poor	15	5.1	12/19/2005 10:55	POS	7.88	2.7
49066	4721 S 18 ST	W-PS-2	Porch	Ledge	Olive	Good	6	20.4	12/15/2005 12:17	NEG	0.01	0.01
49066	4721 S 18 ST	N-PS-1	Trim	Trim	Olive	Good	8	4.8	12/15/2005 12:21	NEG	0	0.01
49066	4721 S 18 ST	N-PS-2	Window	Frame	Olive	Good	9	4.9	12/15/2005 12:24	NEG	0	0.01
49066	4721 S 18 ST	S-PS-1	Siding	Siding	Olive	Good	11	4.9	12/15/2005 12:25	NEG	0	0.01
49066	4721 S 18 ST	S-PS-2	Window	Frame	Tan	Good	12	5.1	12/15/2005 12:26	NEG	0	0.01
49066	4721 S 18 ST	E-PS-1	Window	Frame	Olive	Good	10	4.9	12/15/2005 12:25	NEG	0.01	0.02
49066	4721 S 18 ST	W-PS-1	Siding	Brick	Tan	Good	5	21	12/15/2005 12:14	NEG	0.02	0.06
49066	4721 S 18 ST	W-PS-3	Fascia	Fascia	Olive	Good	7	11.6	12/15/2005 12:18	POS	3.4	1.34
49149	2702 S 19 ST	N-PS-1	Porch	Door	White	Poor	6	7.3	12/27/2005 11:59	NEG	0.19	0.13
49149	2702 S 19 ST	E-PS-1	Column	Column	White	Good	5	21.5	12/27/2005 11:58	NEG	0.09	0.22
49149	2702 S 19 ST	N-PS-2	Window	Frame	White	Good	7	8	12/27/2005 12:00	NEG	0.15	0.29
49149	2702 S 19 ST	E-PS-1	Garage Door	Door	White	Poor	9	5	12/27/2005 12:03	NEG	0.26	0.34
49149	2702 S 19 ST	W-PS-1	Column	Column	Brown	Good	8	8.8	12/27/2005 12:02	POS	2.21	0.62
49565	204 S 48 ST	E-PS-2	Window	Boarded Win.	White	Good	47	5.1	12/21/2005 16:16	NEG	0	0.01
49565	204 S 48 ST	E-PS-2	Garage Found.	Cement Blk	White	Good	54	20.5	12/21/2005 16:23	NEG	0.01	0.02
49565	204 S 48 ST	E-PS-3	Garage	Door Frame	White	Good	55	7.2	12/21/2005 16:23	NEG	0.03	0.03
49565	204 S 48 ST	W-PS-1	Window	Sill	White	Poor	50	5.1	12/21/2005 16:18	NEG	0.01	0.17
49565	204 S 48 ST	W-PS-2	Siding	Siding	White	Fair to Poor	51	5.1	12/21/2005 16:19	NEG	0.08	0.24
49565	204 S 48 ST	S-PS-1	Bmnt Stairway	Siding	White	Poor	52	7	12/21/2005 16:20	NEG	0.19	0.26
49565	204 S 48 ST	E-PS-1	Garage	Door	White	Good	53	11.1	12/21/2005 16:22	NEG	0.26	0.33
49565	204 S 48 ST	N-PS-1	Window	Frame	White	Good	49	4.9	12/21/2005 16:17	POS	14.84	3.31
49565	204 S 48 ST	E-PS-1	Window	Frame	White	Good	46	5.1	12/21/2005 16:13	POS	17.8	3.89
49565	204 S 48 ST	E-PS-3	Window	Frame	White	Good	48	2.6	12/21/2005 16:16	POS	22.66	9.43
49643	4601 Davenport ST	N-PS-1	Porch Step	Stringer	Green	Poor	27	4.9	12/21/2005 13:41	NEG	0	0.01
49643	4601 Davenport ST	N-PS-2	Door	Door	Green/White	Poor	28	5	12/21/2005 13:42	NEG	0	0.01
49643	4601 Davenport ST	N-PS-3	Planter	Planter	Green	Good	29	5	12/21/2005 13:43	NEG	0	0.01
49643	4601 Davenport ST	E-PS-1	Foundation	Lattice	White	Poor	30	5.1	12/21/2005 13:44	NEG	0	0.02
49643	4601 Davenport ST	E-PS-1	Garage Found.	Cement Blk	Grey	White	34	20.2	12/21/2005 13:49	NEG	0.09	0.05
49643	4601 Davenport ST	E-PS-2	Chimney	Chimney	Grey	Poor	31	8.8	12/21/2005 13:45	POS	2.58	0.73
49643	4601 Davenport ST	S-PS-1	Window	Frame	White	Poor	33	6.7	12/21/2005 13:46	POS	4.66	1.75
49643	4601 Davenport ST	E-PS-3	Window	Frame	White	Poor	32	4.5	12/21/2005 13:46	POS	6.32	2.5
49766	4602 California ST	N-PS-2	Foundation	Cement Blk	White	Good	17	9.7	12/21/2005 11:13	NEG	0.01	0.04
49766	4602 California ST	S-PS-1	Shed	Siding	White	Good	19	4.8	12/21/2005 11:15	NEG	0	0.1
49766	4602 California ST	E-PS-1	Siding	Siding	White	Fair	18	20.5	12/21/2005 11:14	NEG	0.02	0.13
49766	4602 California ST	W-PS-1	Siding	Siding	White	Good	14	7.3	12/21/2005 11:10	NEG	0.15	0.24
49766	4602 California ST	S-PS-1	Siding	Siding	White	Good	12	11.8	12/21/2005 11:05	NEG	0.11	0.25
49766	4602 California ST	S-PS-2	Window	Frame	White	Good	13	20	12/21/2005 11:07	NEG	0.78	0.38
49766	4602 California ST	N-PS-1	Siding	Siding	White	Good	16	14	12/21/2005 11:12	NEG	0.28	0.38
49766	4602 California ST	W-PS-2	Window	Sill	White	Good	15	20.4	12/21/2005 11:11	POS	1.36	0.48

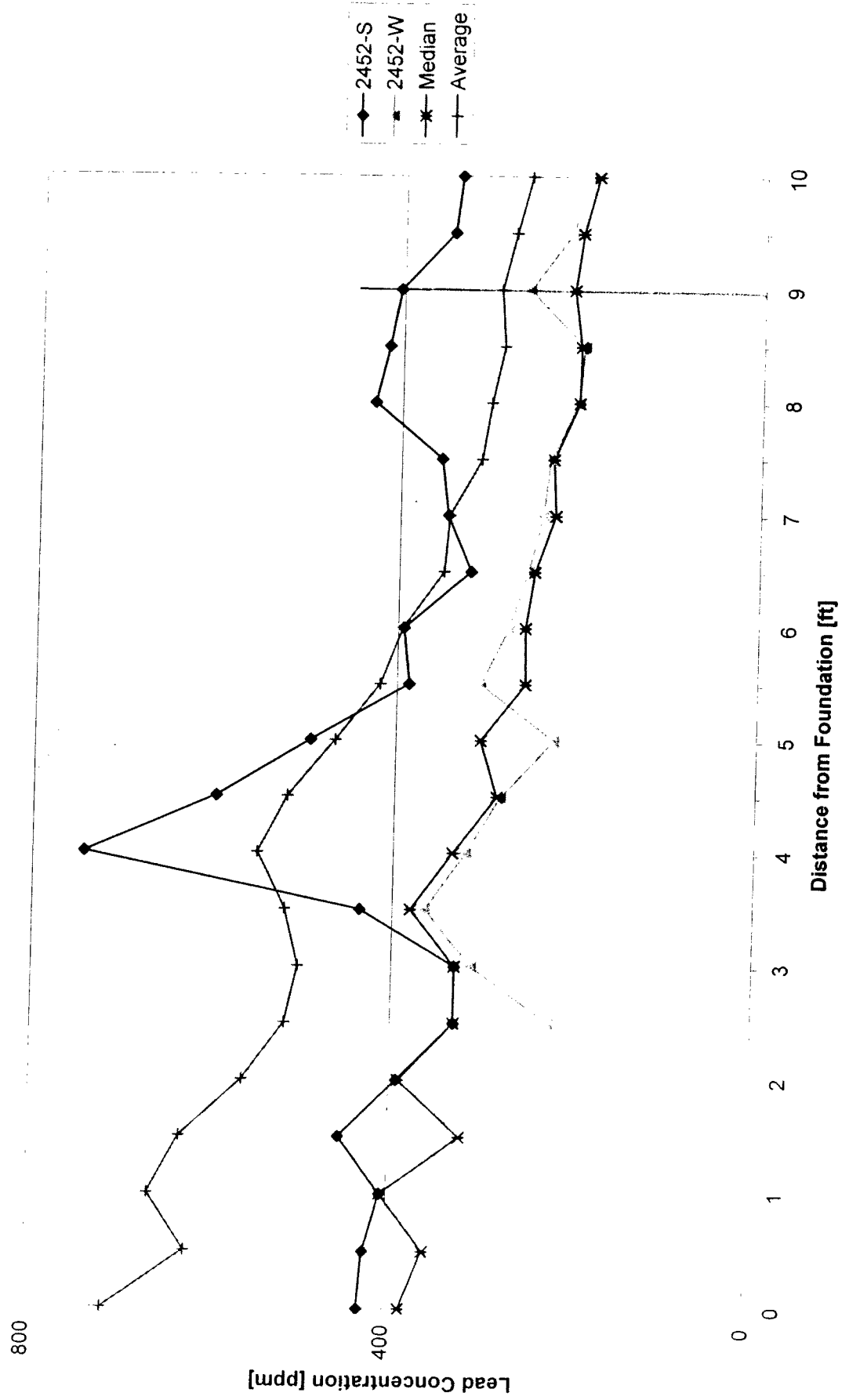
BVID	Address	XRF ID #	Structure	Feature	Paint Color	Condition	XLNo	Ssec	Date/Time	Result	Pbc	Pbc Error
49864	4713 Cuming ST	E-PS-2	Foundation	Cement Blk	White	Good	40	20.6	12/21/2005 15:07	NEG	0	0
49864	4713 Cuming ST	N-PS-3	Foundation	Lattice	White	Good	38	5.1	12/21/2005 15:05	NEG	0.01	0.01
49864	4713 Cuming ST	E-PS-1	Window	Sill	Blue	Good	39	5	12/21/2005 15:06	NEG	0	0.01
49864	4713 Cuming ST	S-PS-1	Foundation	Bottom Trim	White	Poor	42	7.1	12/21/2005 15:08	NEG	0	0.01
49864	4713 Cuming ST	W-PS-2	Overhang	Column	Purple	Good	44	4.9	12/21/2005 15:10	NEG	0.01	0.02
49864	4713 Cuming ST	N-PS-1	Siding	Siding	White	Good	36	11.4	12/21/2005 15:04	NEG	0.01	0.03
49864	4713 Cuming ST	N-PS-1	Garage	Wind. Frame	Grey	Good	45	5.1	12/21/2005 15:12	NEG	0.01	0.03
49864	4713 Cuming ST	NULL	NULL	NULL	NULL	NULL	35	0.9	12/21/2005 15:04	INCOM	0.01	0.06
49864	4713 Cuming ST	E-PS-3	Door	Door	White	Poor	41	4.9	12/21/2005 15:08	NEG	0	0.1
49864	4713 Cuming ST	W-PS-1	Window	Boarded Win.	White	Poor	43	5.1	12/21/2005 15:10	NEG	0.04	0.11
49864	4713 Cuming ST	N-PS-2	Foundation	Bottom Trim	Blue	Good	37	5.2	12/21/2005 15:04	POS	7.51	2.7
52373	4724 Davenport ST	E-PS-1	Window	Frame	White	Poor	46	5	12/22/2005 14:38	NEG	0.14	0.14
52373	4724 Davenport ST	W-PS-1	Window	Siding	White	Poor	44	5	12/22/2005 14:35	NEG	0.01	0.2
52373	4724 Davenport ST	S-PS-1	Window	Frame	White	Poor	41	13.4	12/22/2005 14:31	POS	2.9	1.3
52373	4724 Davenport ST	S-PS-2	Garage Door	Door	White	Poor	42	4.8	12/22/2005 14:33	POS	20.71	4.33
52373	4724 Davenport ST	W-PS-2	Window	Frame	White	Poor	45	4.2	12/22/2005 14:36	POS	23.68	4.92
52373	4724 Davenport ST	S-PS-3	Column	Column	White	Fair to Poor	43	2.8	12/22/2005 14:34	POS	35.53	13.5
52375	4624 Davenport ST	S-PS-2	Garage	Column	White	Poor	37	5	12/22/2005 13:27	NEG	0	0.01
52375	4624 Davenport ST	S-PS-2	Window	Sill	White	Poor	32	5.2	12/22/2005 13:22	NEG	0.31	0.29
52375	4624 Davenport ST	N-PS-1	Garage	Siding	White	Poor	39	9.3	12/22/2005 13:29	NEG	0.55	0.3
52375	4624 Davenport ST	S-PS-1	Window	Frame	White	Fair	31	6.8	12/22/2005 13:21	POS	2.53	0.71
52375	4624 Davenport ST	S-PS-3	Window	Frame	White	Good	33	4.6	12/22/2005 13:23	POS	4.47	1.62
52375	4624 Davenport ST	E-PS-1	Garage	Wind. Frame	White	Fair to Poor	40	6.9	12/22/2005 13:31	POS	4.4	1.63
52375	4624 Davenport ST	E-PS-1	Garage	Siding	White	Poor	38	7	12/22/2005 13:28	POS	4.71	1.66
52375	4624 Davenport ST	W-PS-1	Window	Frame	White	Fair to Poor	34	4.8	12/22/2005 13:23	POS	5.32	2.08
52375	4624 Davenport ST	N-PS-1	Window	Frame	White	Poor	35	4.7	12/22/2005 13:24	POS	6.32	2.25
52375	4624 Davenport ST	S-PS-1	Garage	Siding	White	Poor	36	5.1	12/22/2005 13:25	POS	6.53	2.61

APPENDIX D

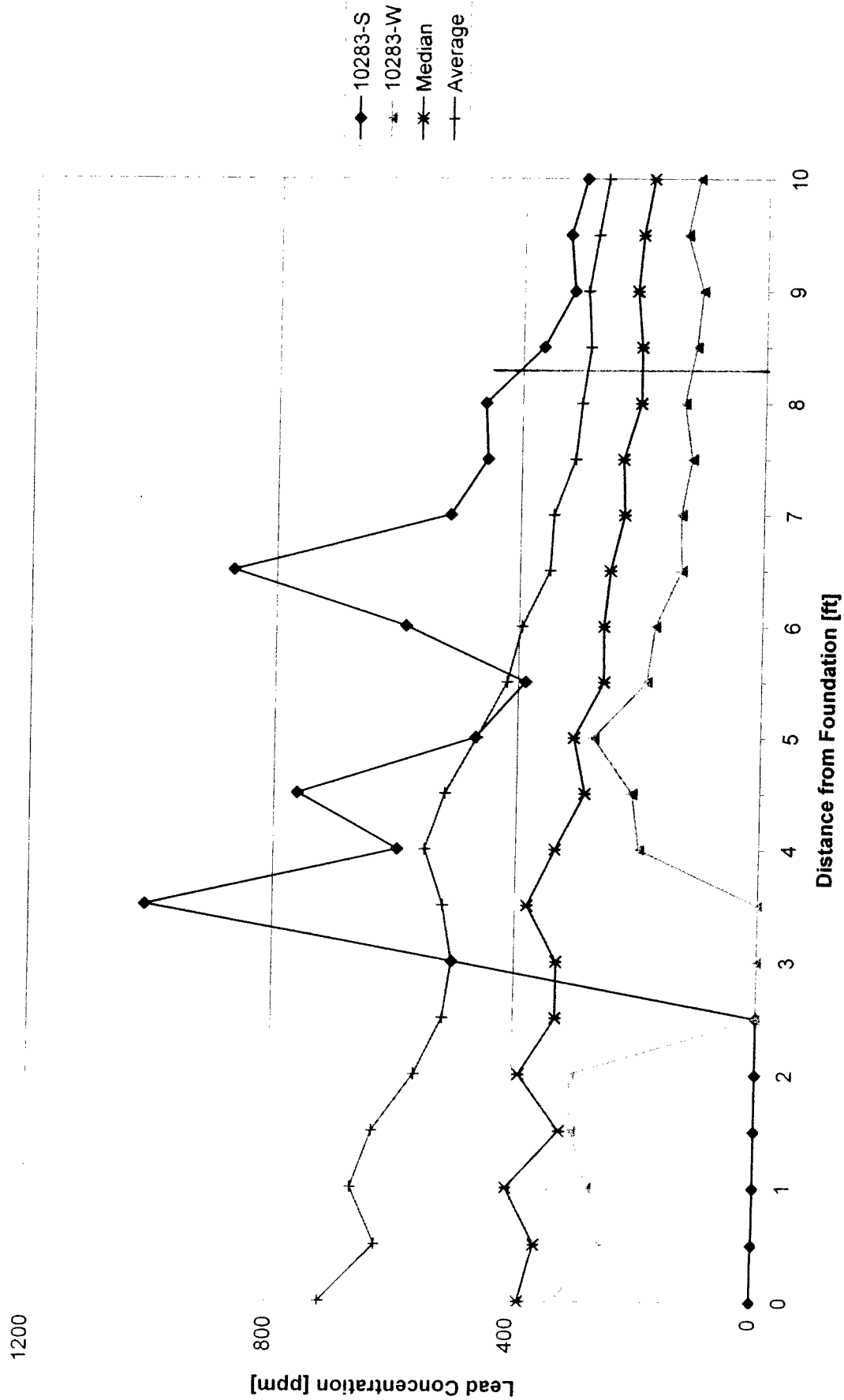
PLOTS OF DRIP ZONE SOIL LEAD CONCENTRATIONS VERSUS DISTANCE FROM FOUNDATION

(NOTE: MEDIAN AND AVERAGE IN EACH INTERVAL
WERE CALCULATED USING ALL DZWS DATA)

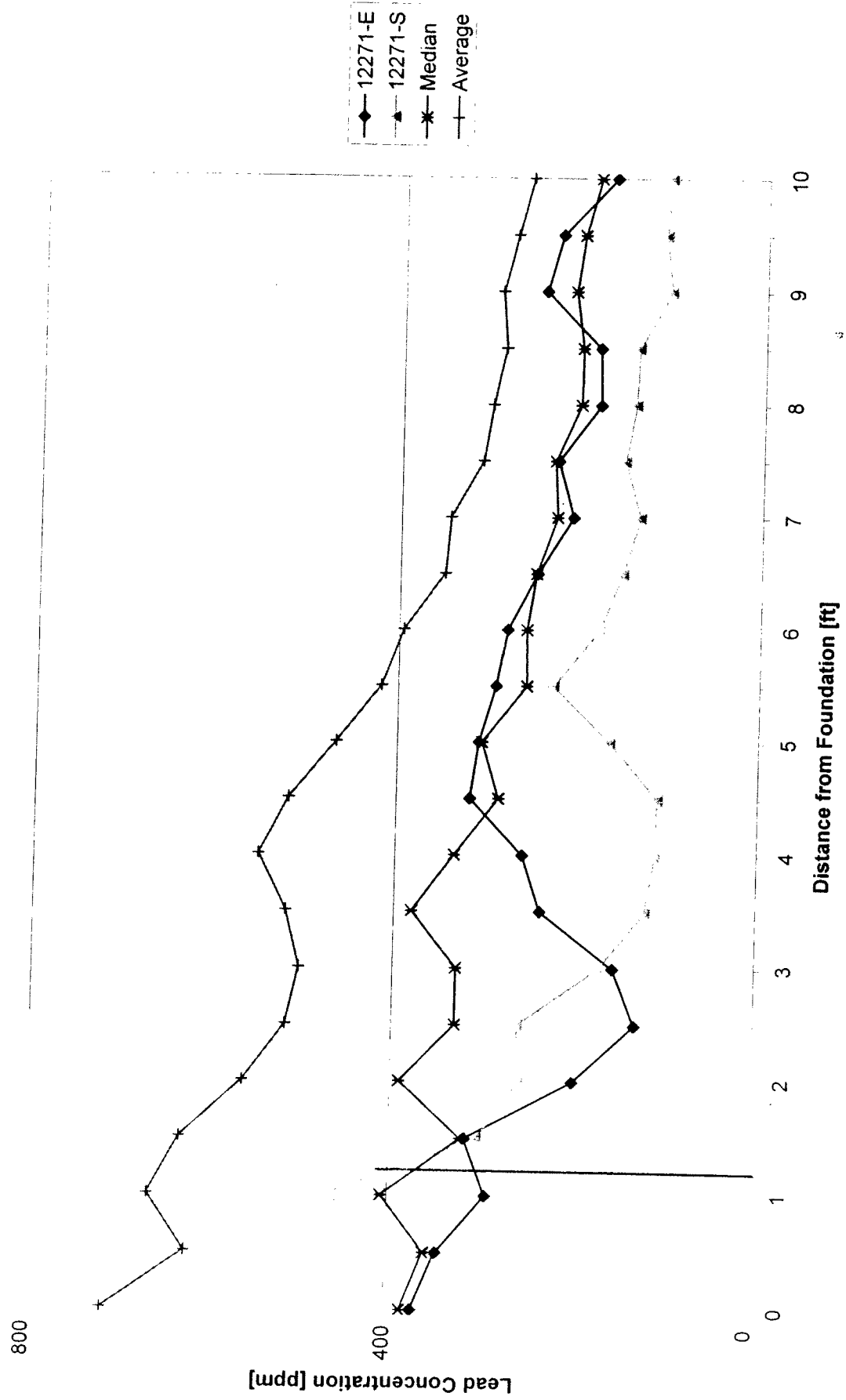
Omaha Lead Site: Drip Zone Width Study
BVID 2452 - Raw Data



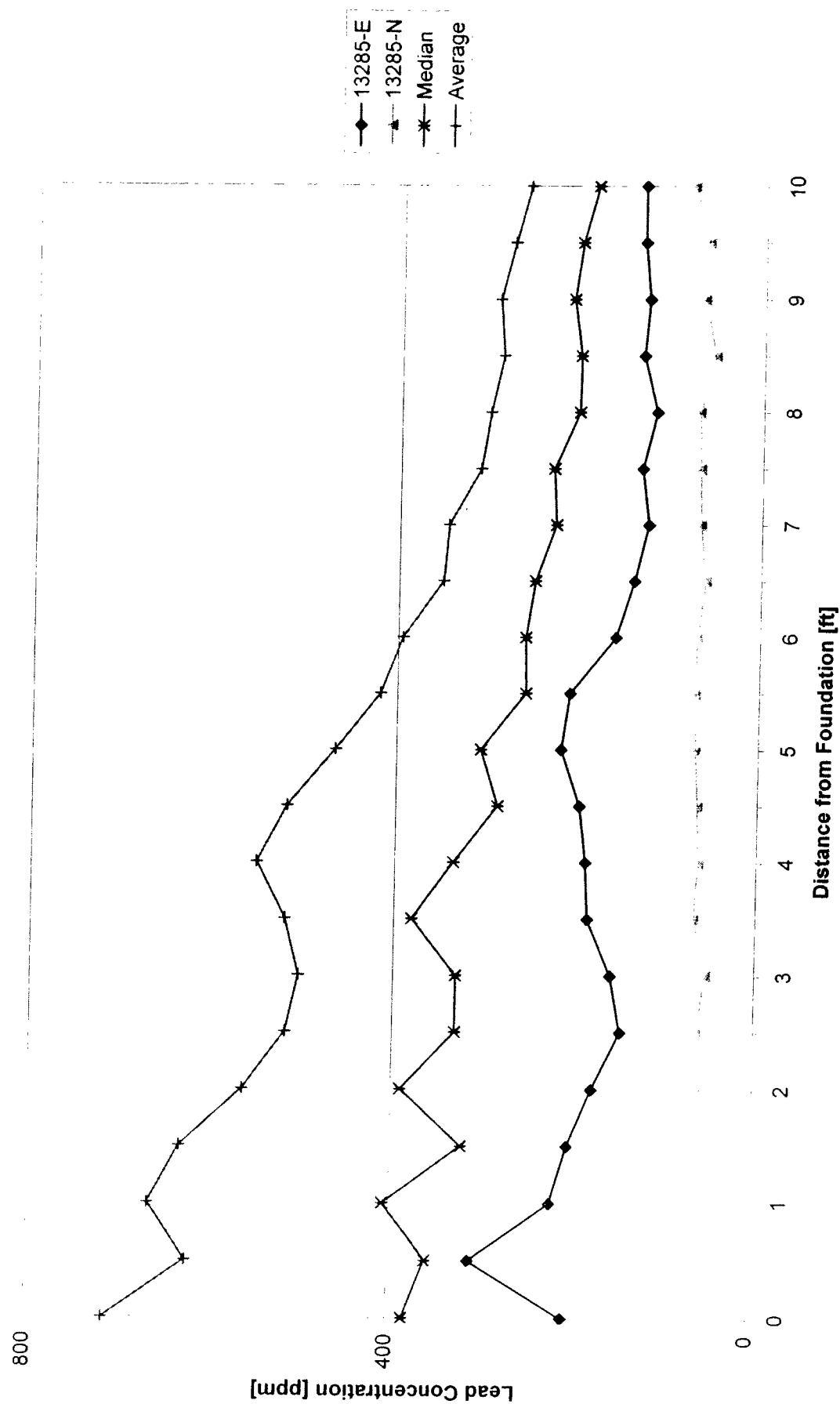
Omaha Lead Site: Drip Zone Width Study BVID 10283 - Raw Data



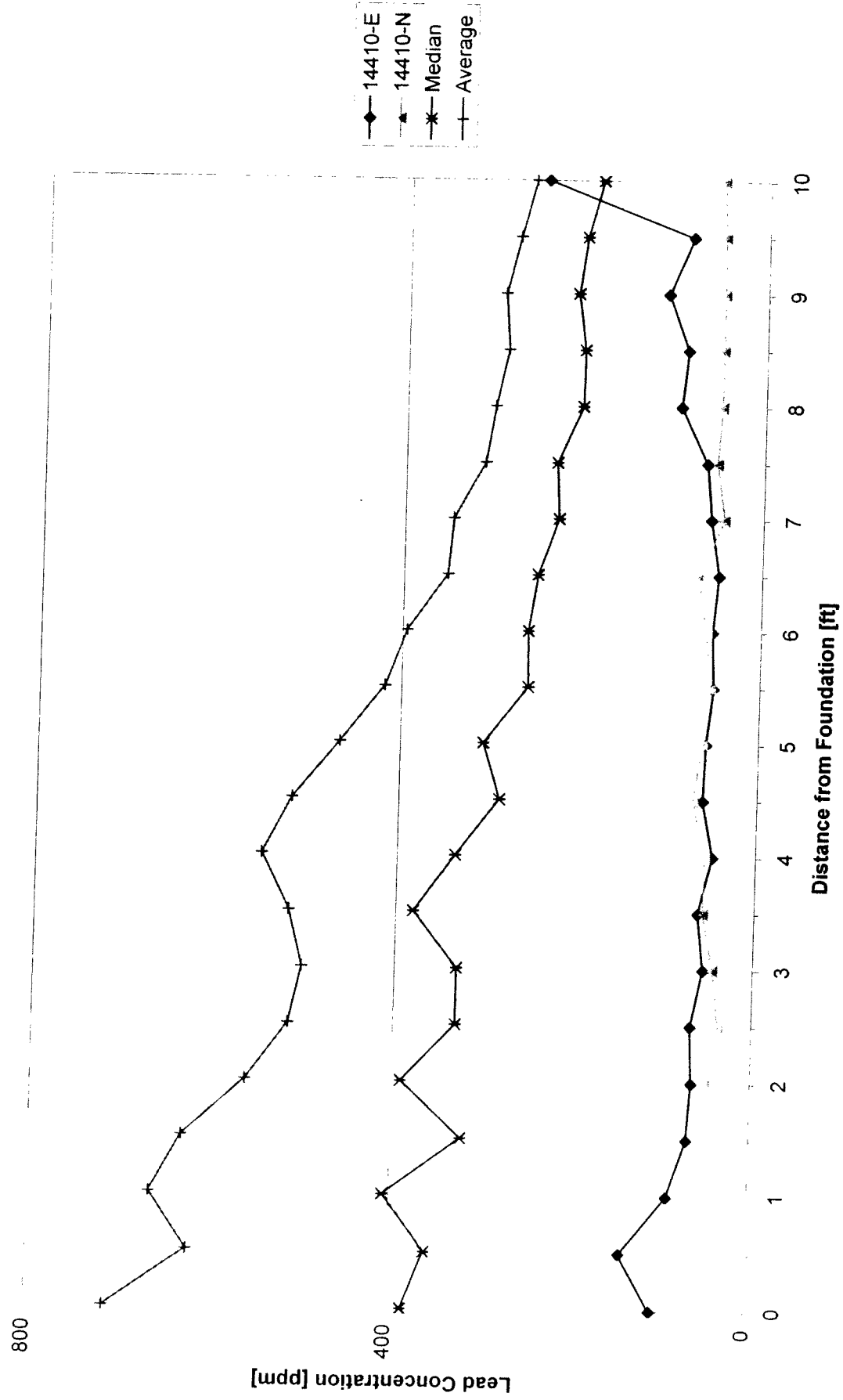
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BVID 12271 - Raw Data



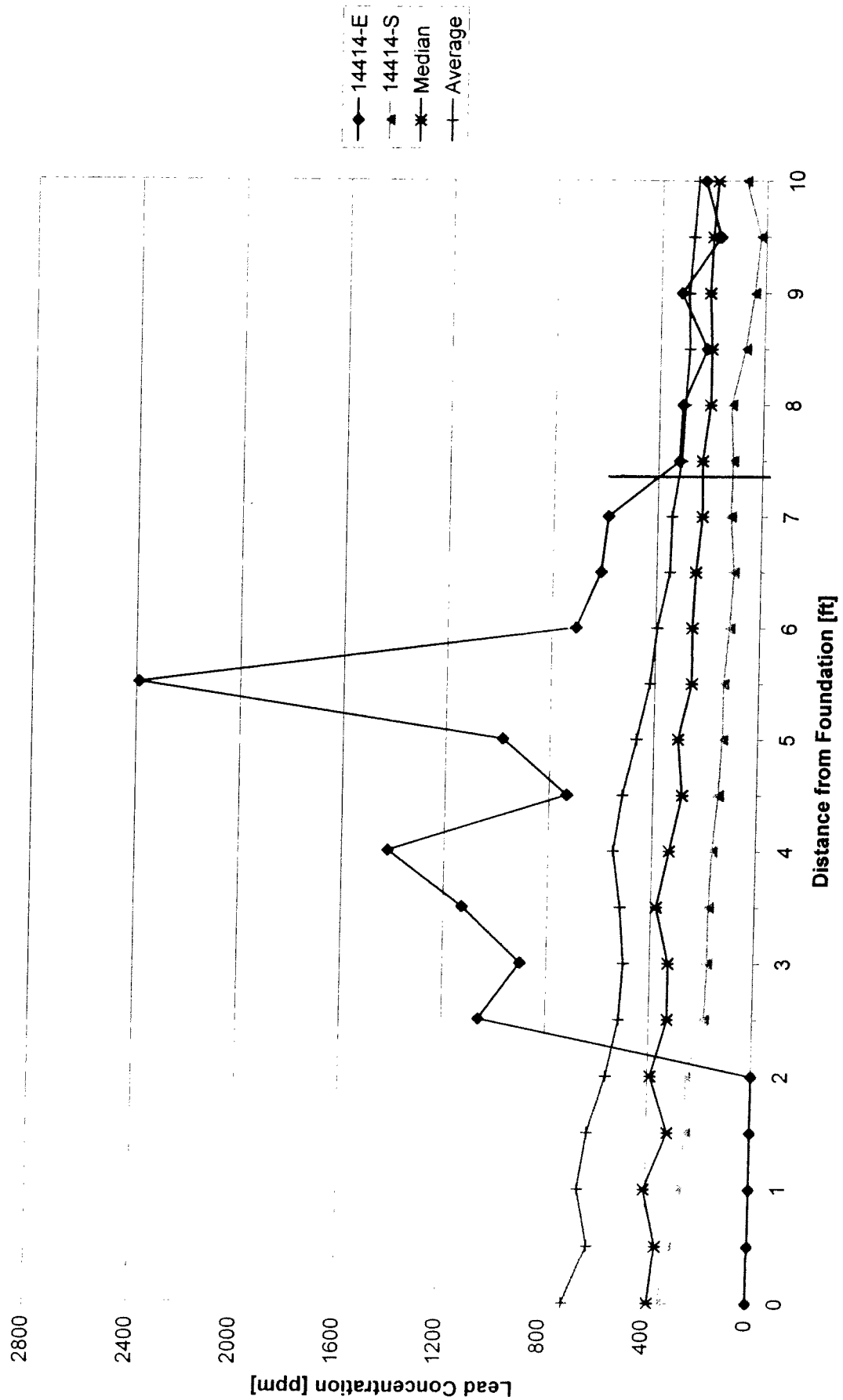
Omaha Lead Site: Drip Zone Width Study BVID 13285 - Raw Data



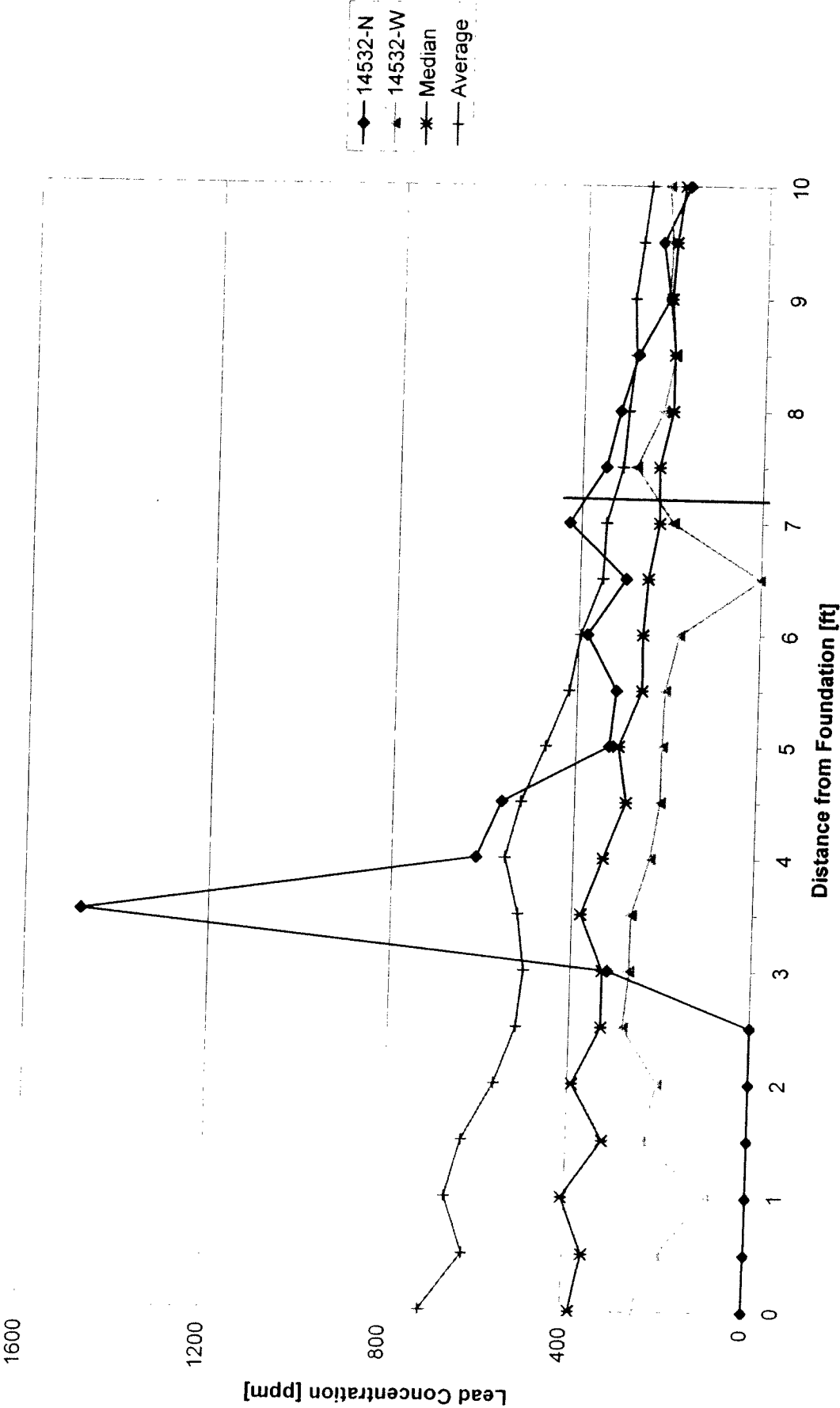
Omaha Lead Site: Drip Zone Width Study
BVID 14410 - Raw Data



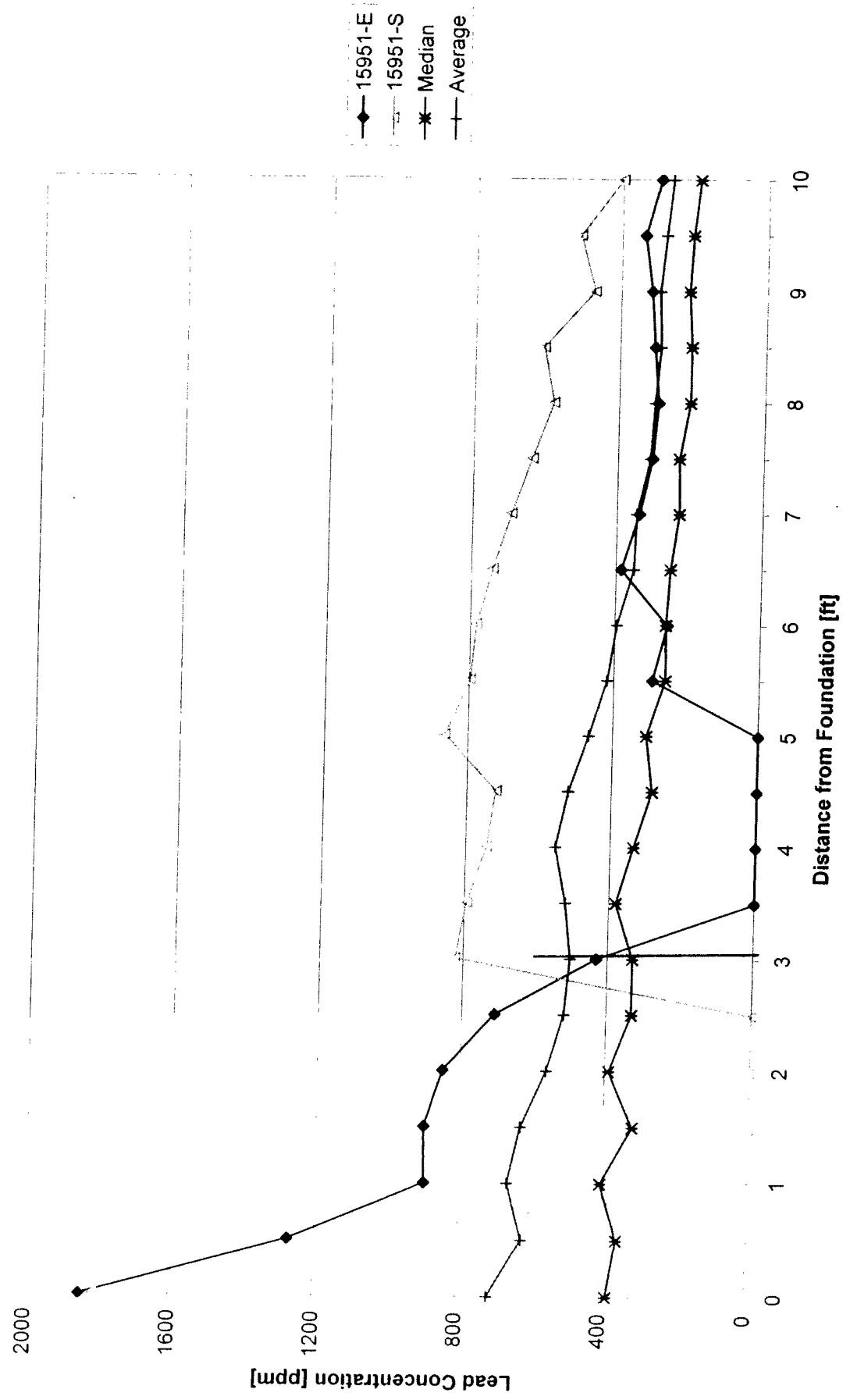
Omaha Lead Site: Drip Zone Width Study BVID 14414 - Raw Data



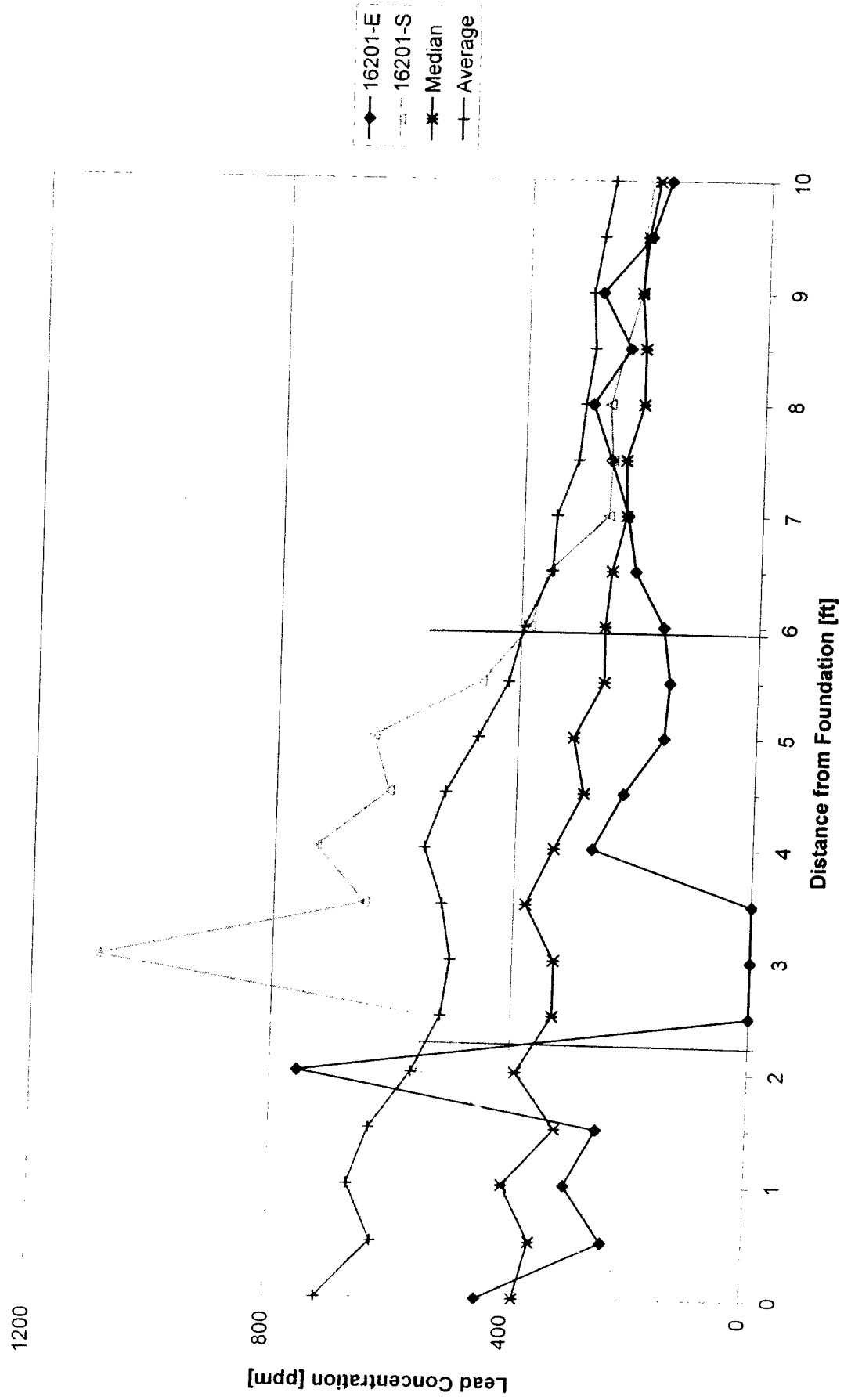
Omaha Lead Site: Drip Zone Width Study
BVID 14532 - Raw Data



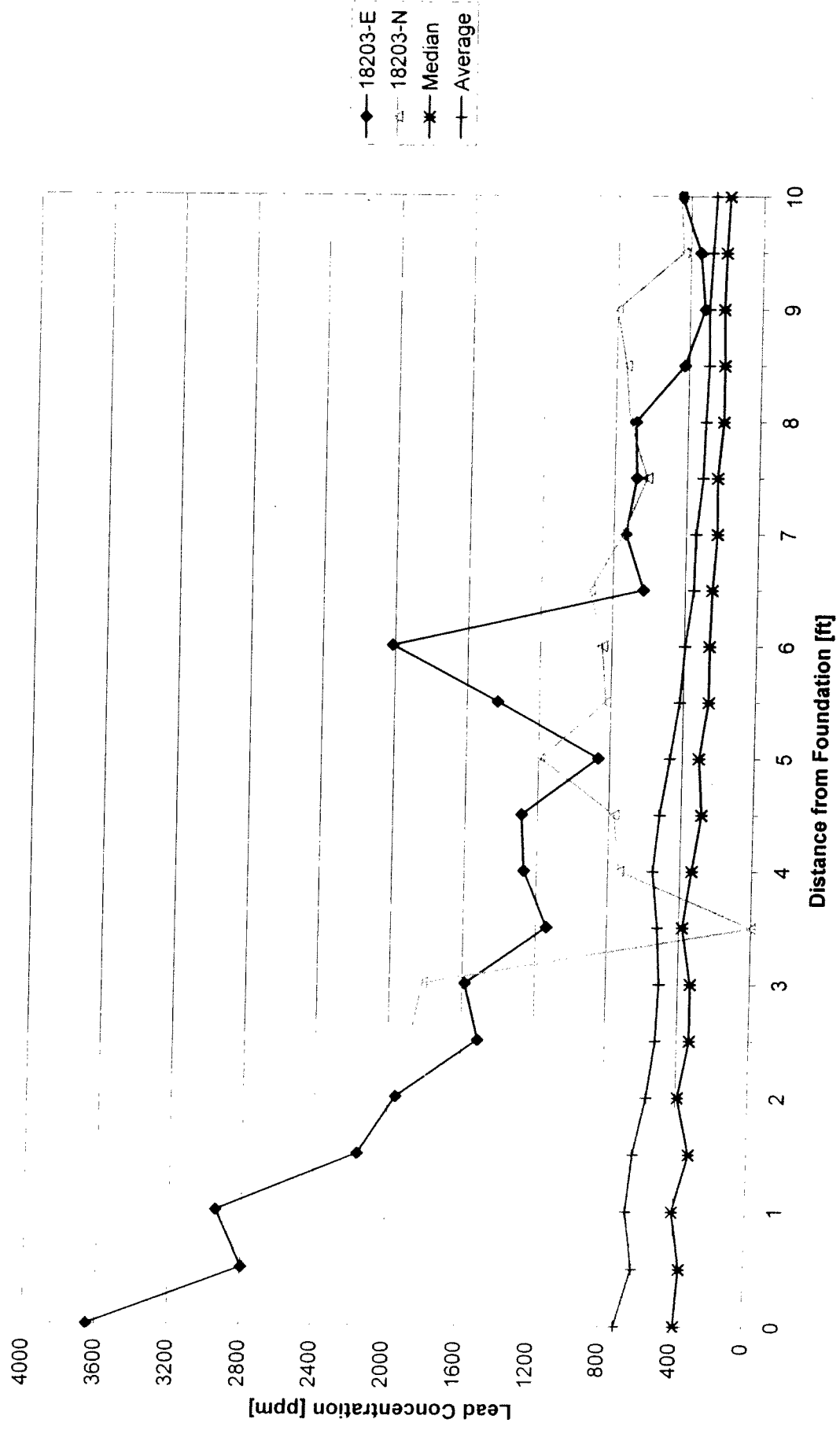
Omaha Lead Site: Drip Zone Width Study BVID 15951 - Raw Data



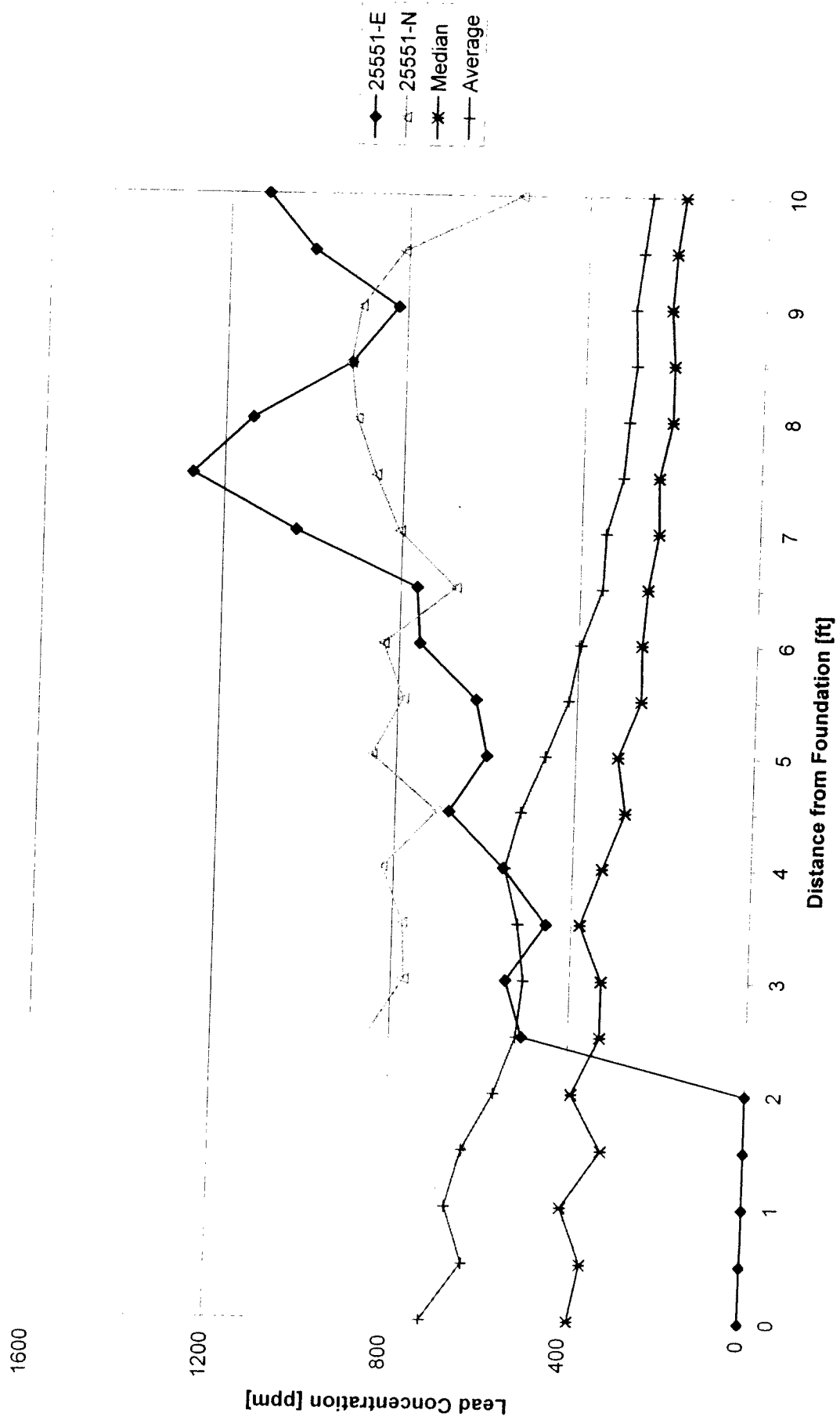
Omaha Lead Site: Drip Zone Width Study BVID 16201 - Raw Data



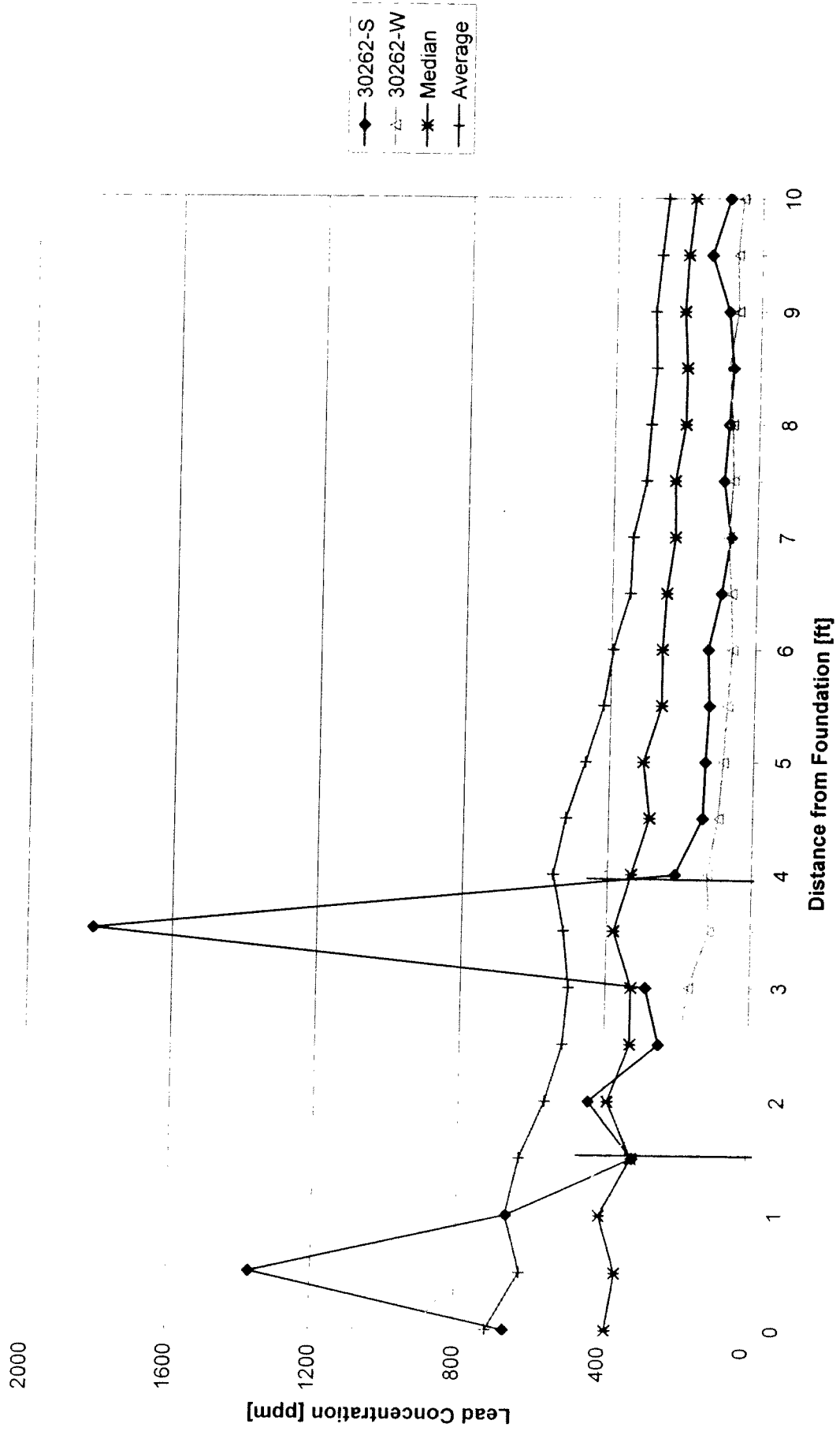
Omaha Lead Site: Drip Zone Width Study
BVID 18203 - Raw Data



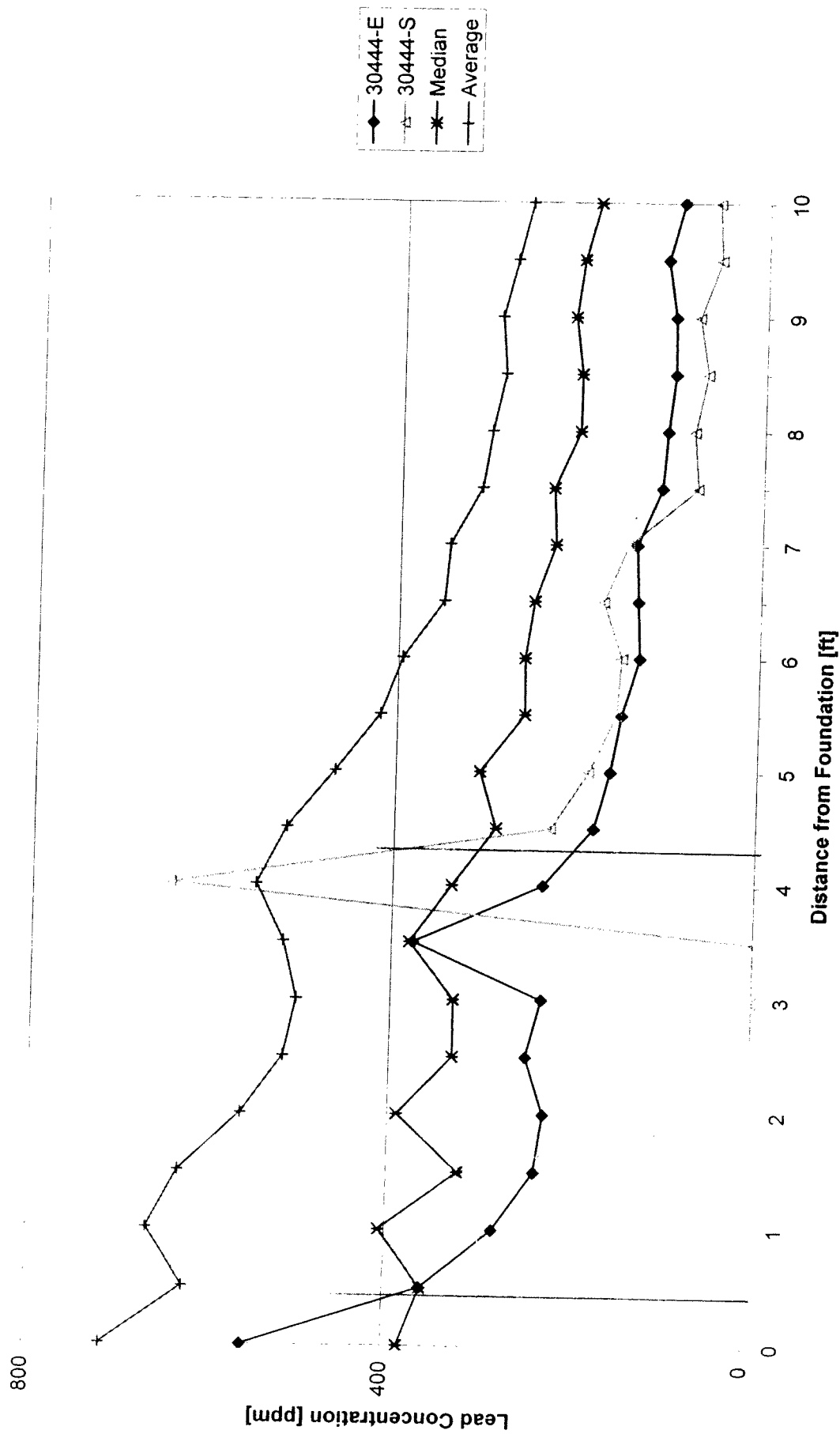
Omaha Lead Site: Drip Zone Width Study BVID 25551 - Raw Data



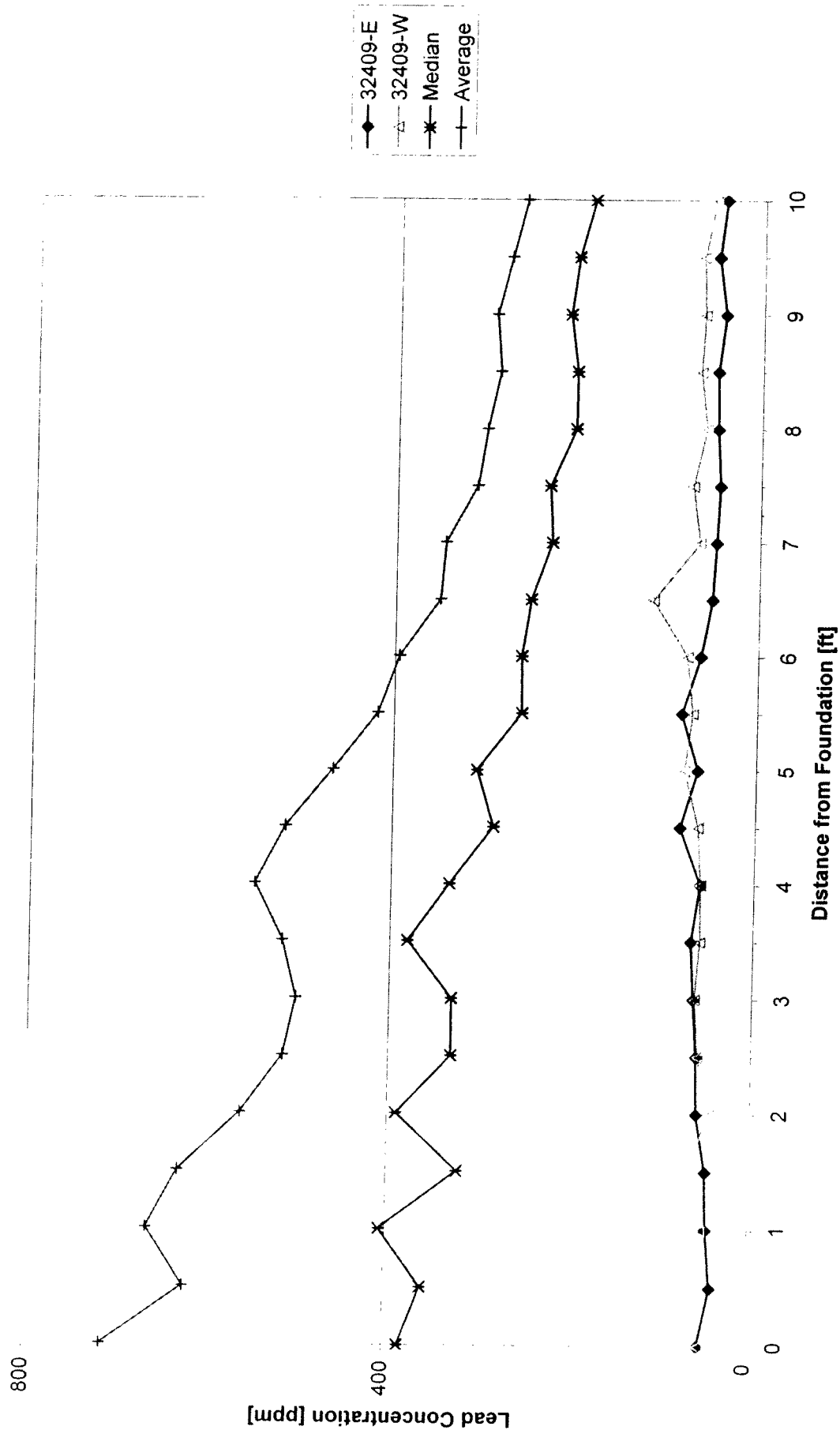
Omaha Lead Site: Drip Zone Width Study
BVID 30262 - Raw Data



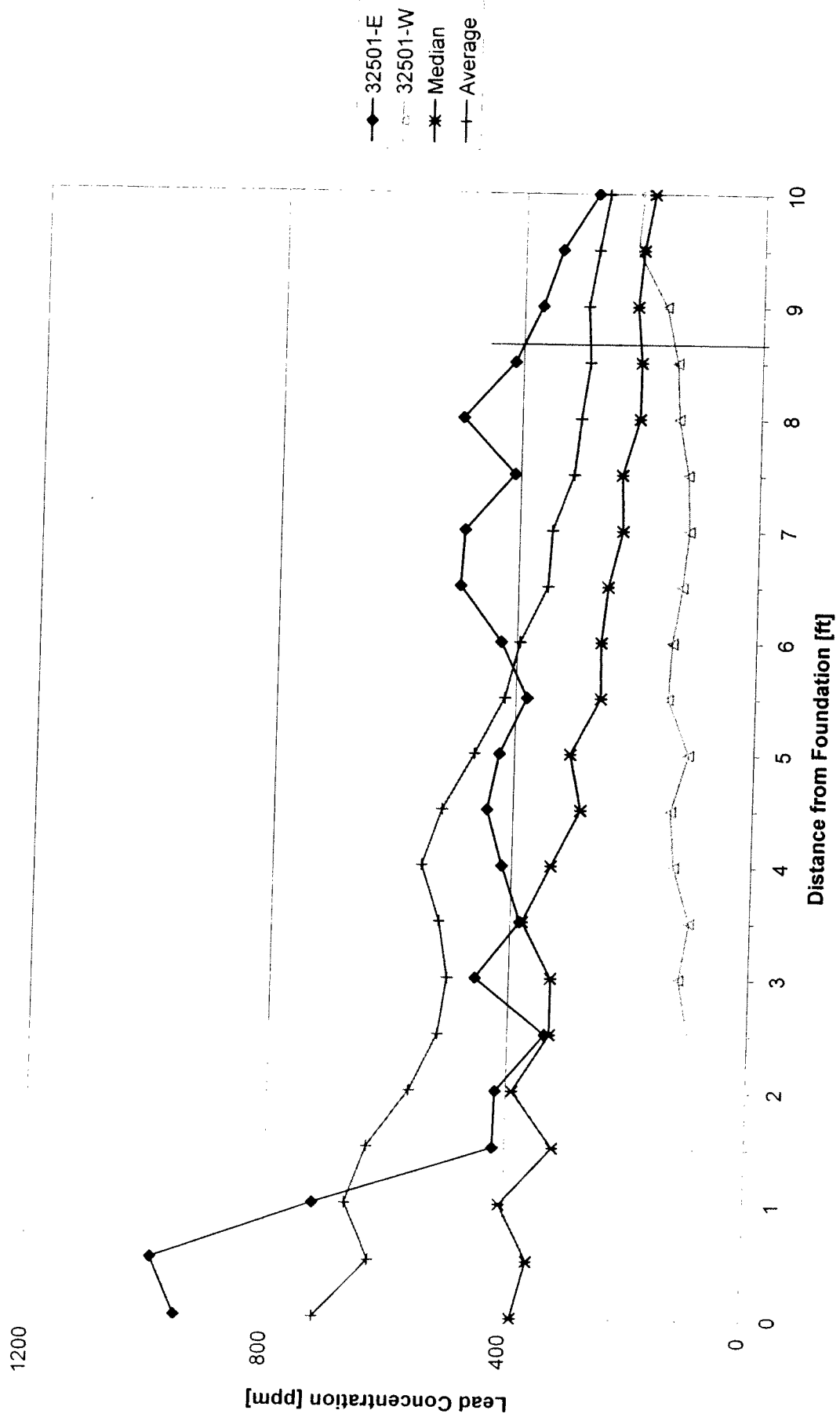
Omaha Lead Site: Drip Zone Width Study BVID 30444 - Raw Data



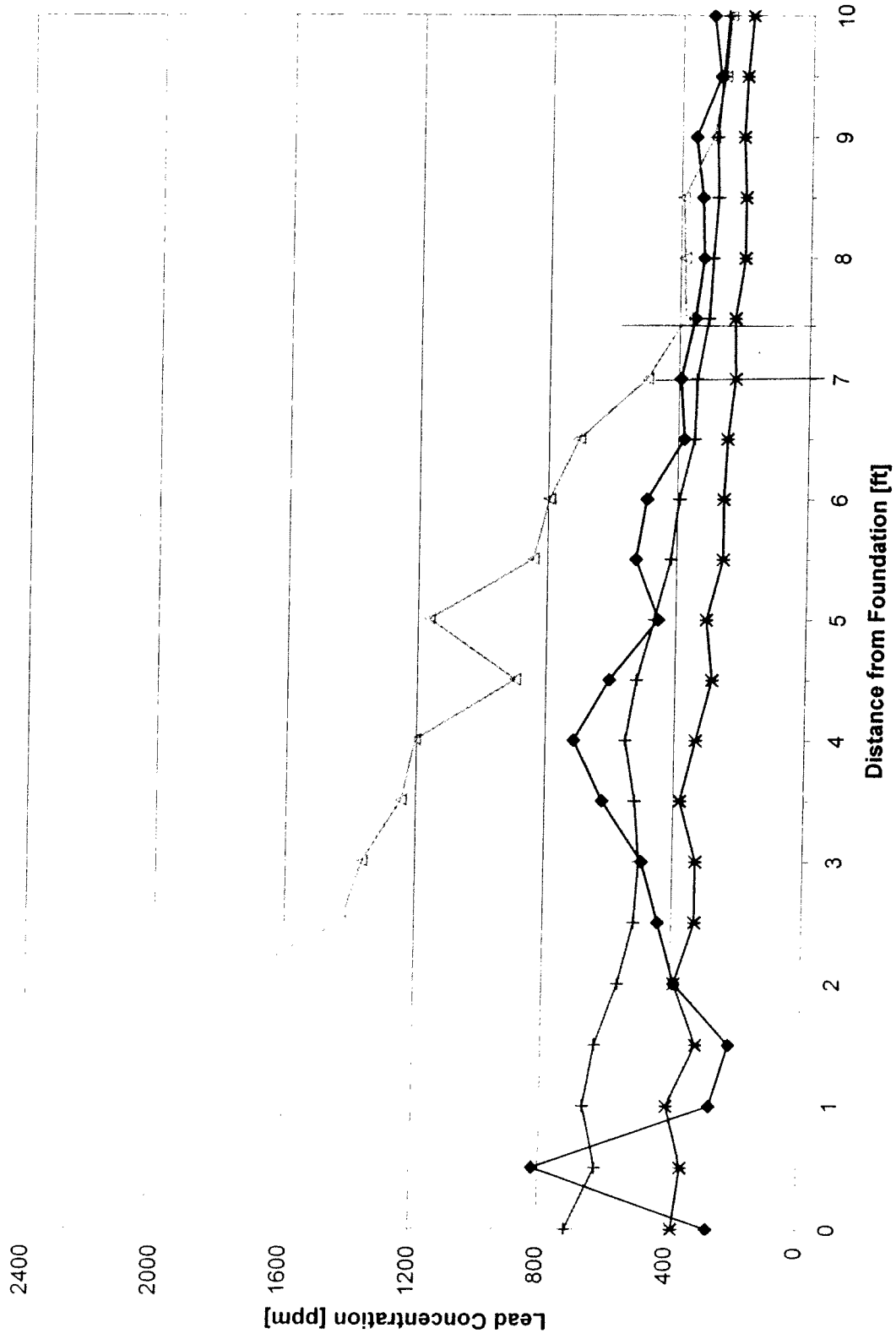
Omaha Lead Site: Drip Zone Width Study BVID 32409 - Raw Data



Omaha Lead Site: Drip Zone Width Study
BVID 32501 - Raw Data

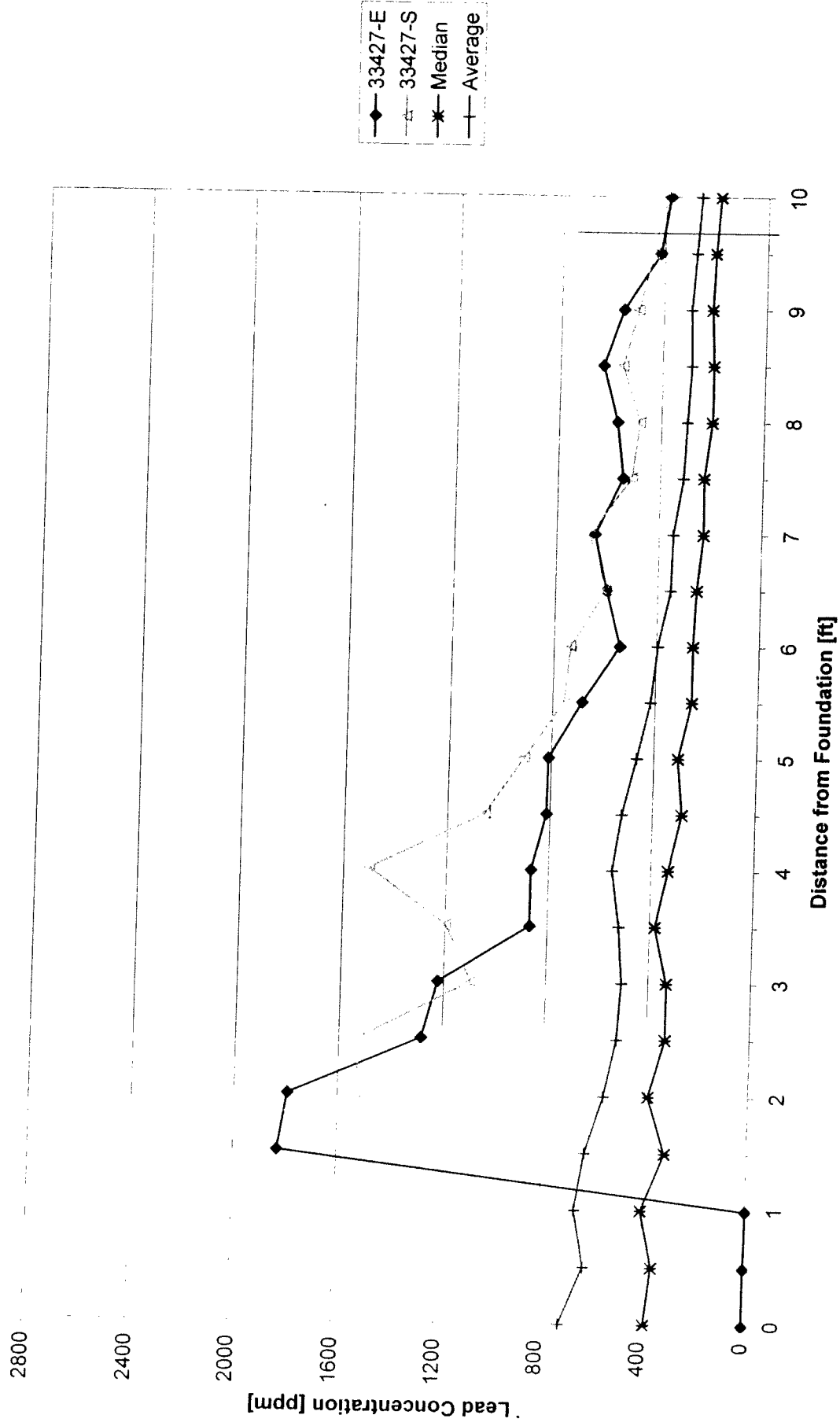


Omaha Lead Site: Drip Zone Width Study BVID 32744 - Raw Data

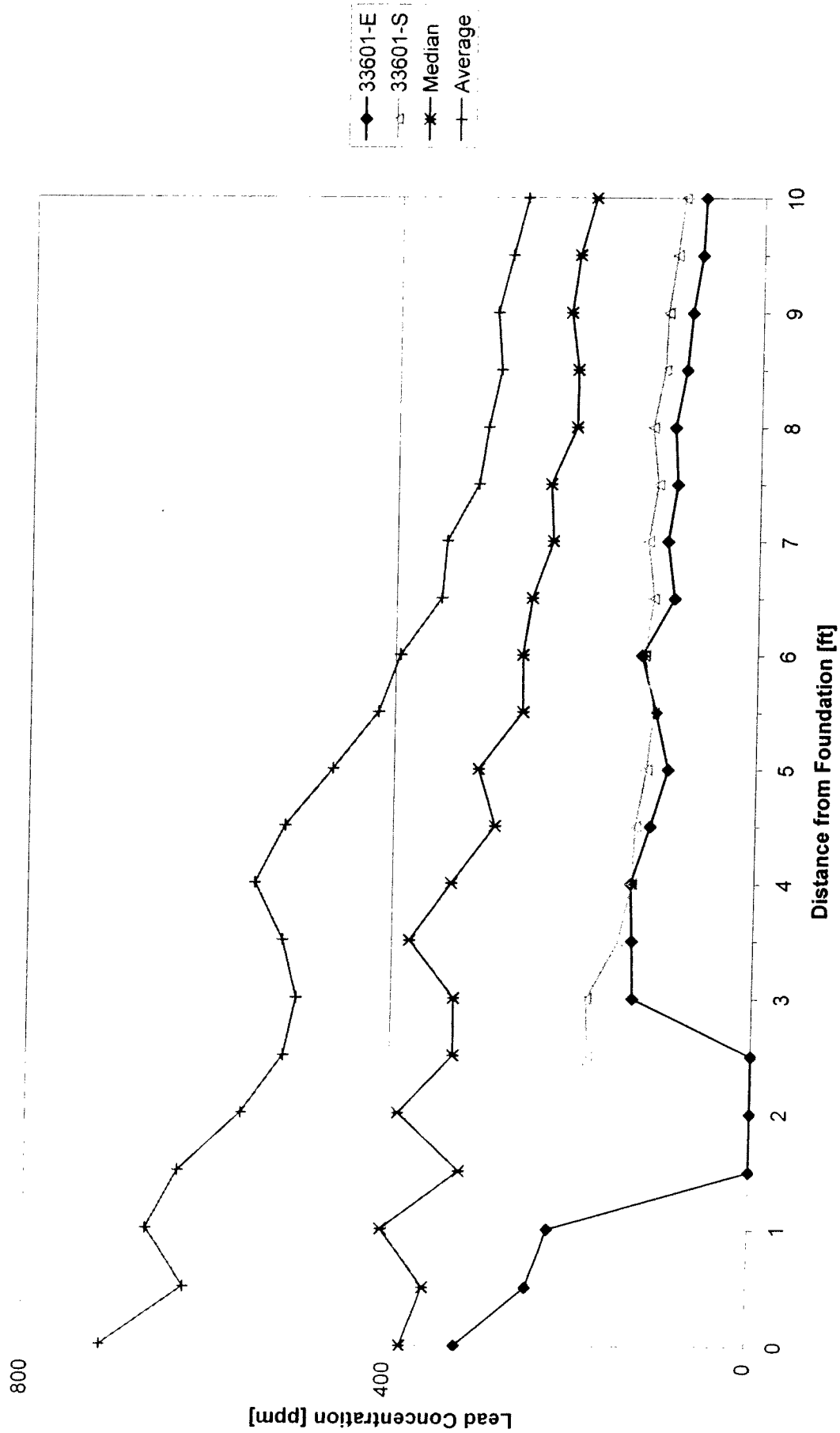


- ◆— 32744-N
- - -△- - 32744-W
- *— Median
- +— Average

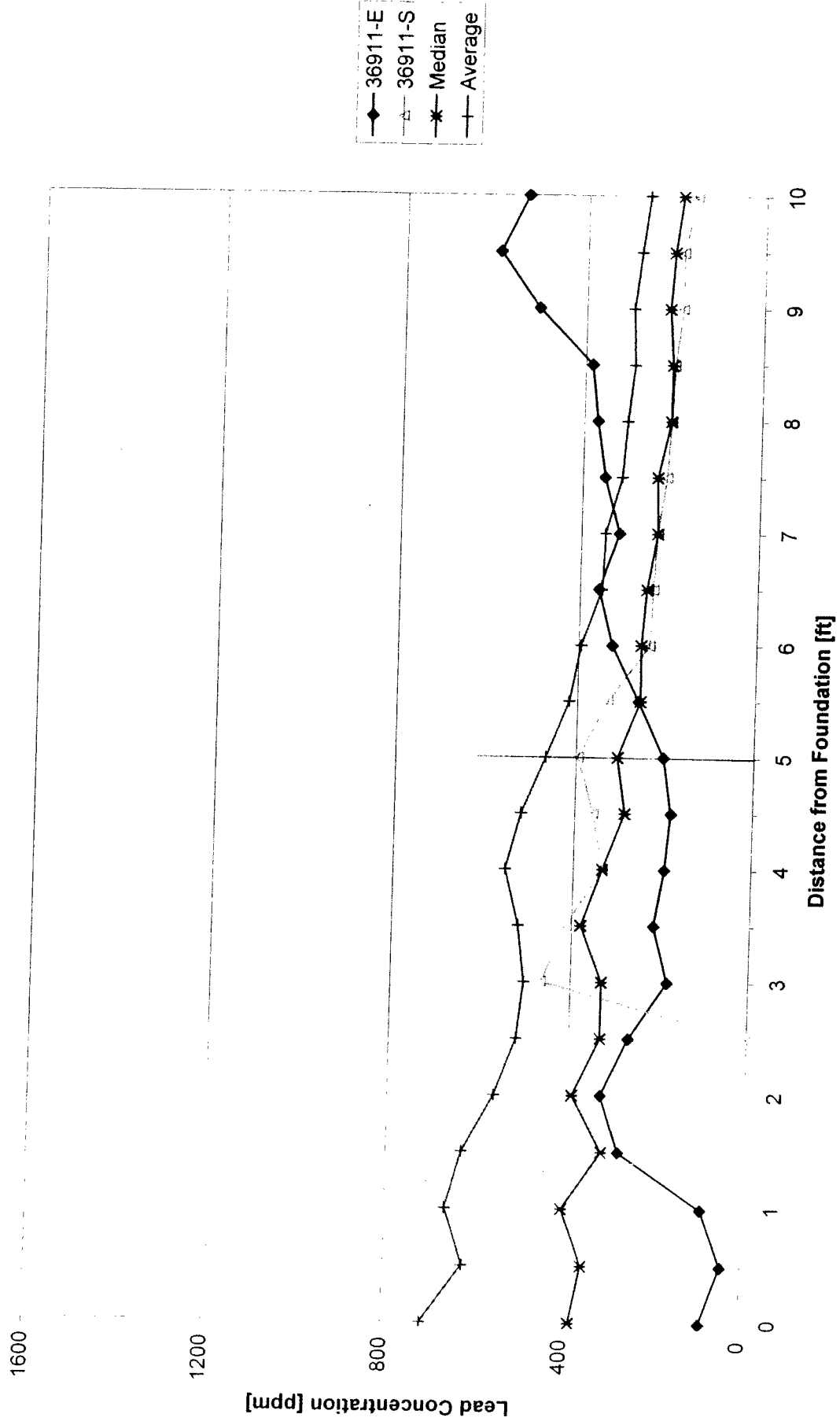
Omaha Lead Site: Drip Zone Width Study BVID 33427 - Raw Data



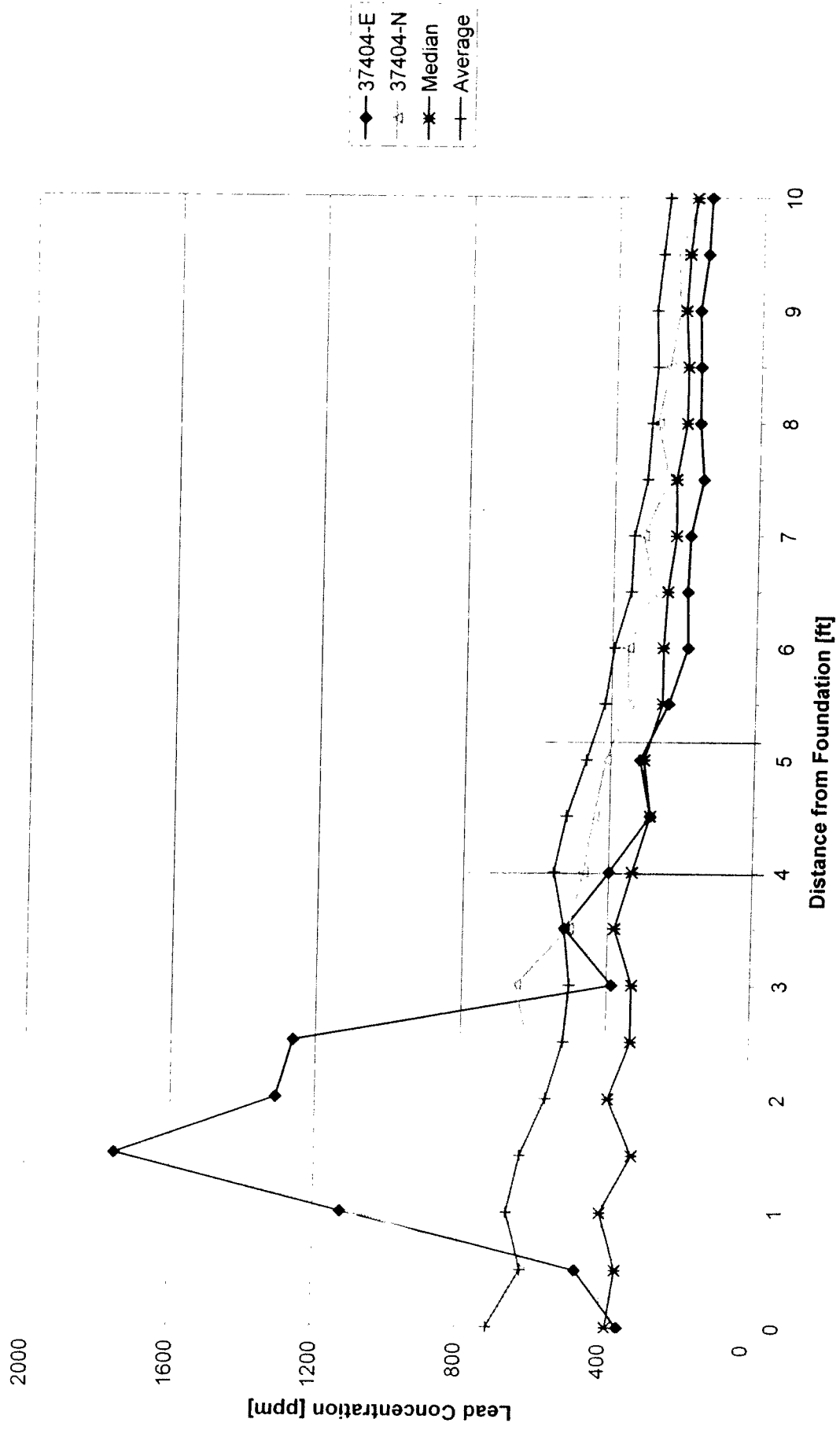
Omaha Lead Site: Drip Zone Width Study BVID 33601 - Raw Data



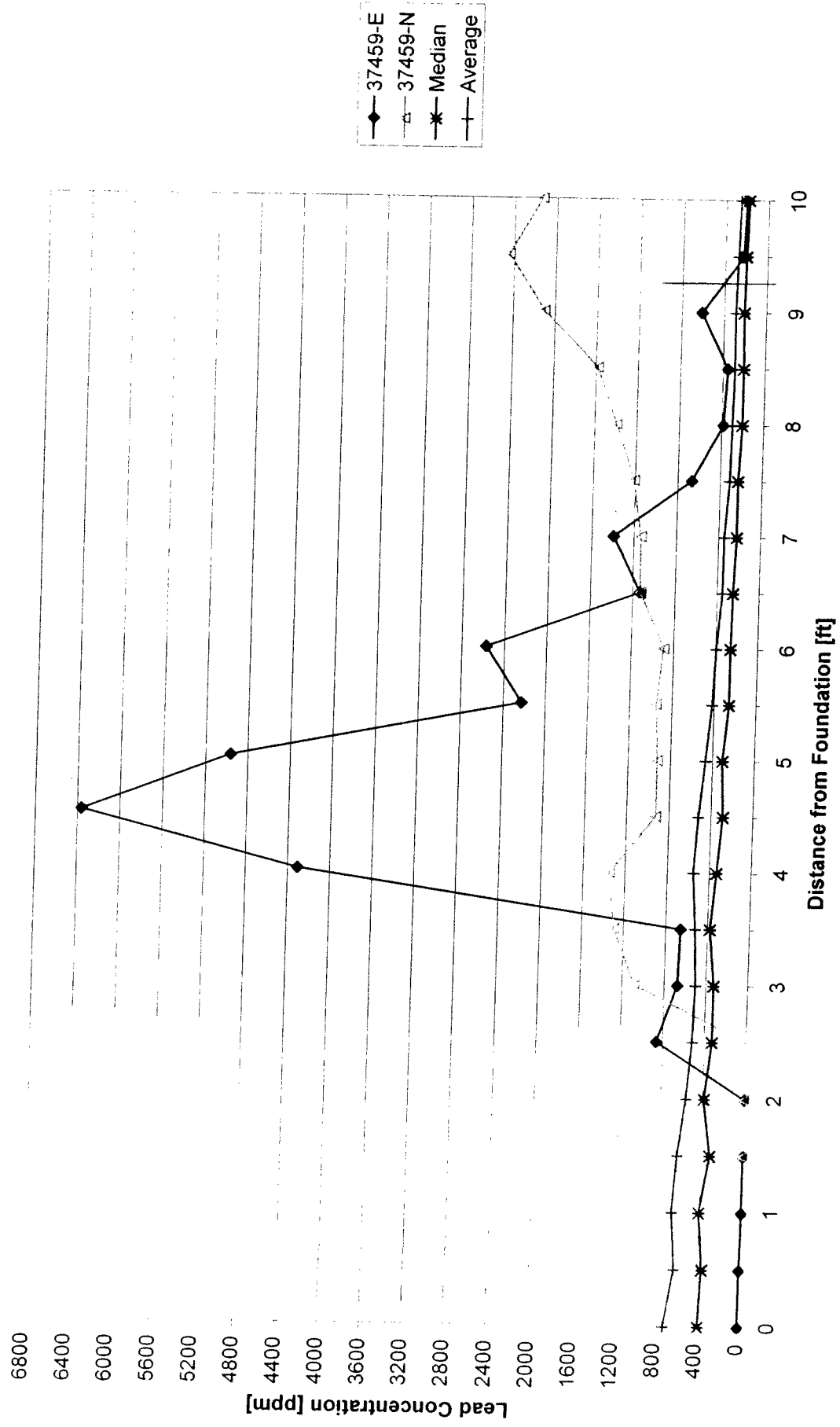
Omaha Lead Site: Drip Zone Width Study
BVID 36911 - Raw Data



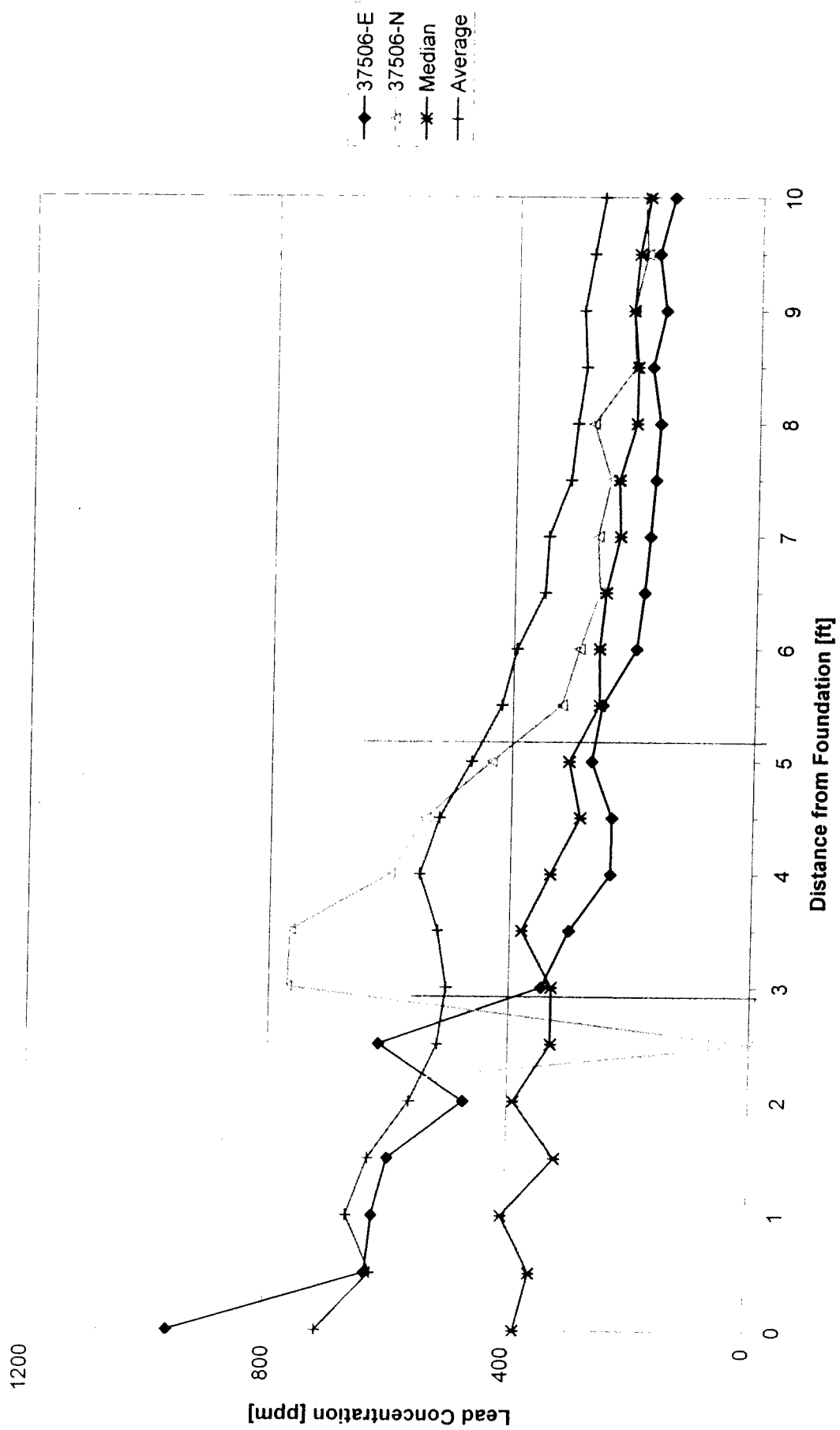
Omaha Lead Site: Drip Zone Width Study
BVID 37404 - Raw Data



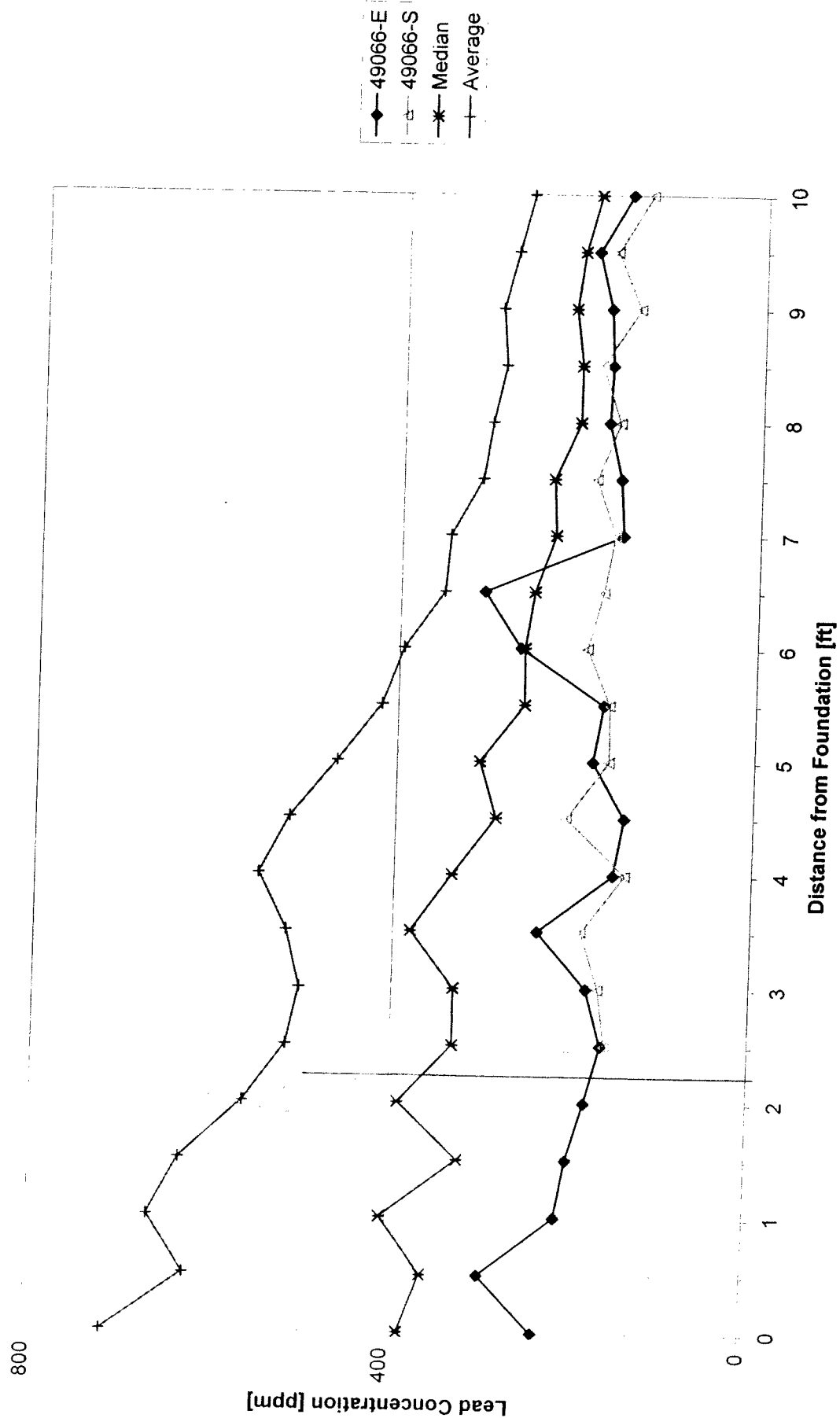
Omaha Lead Site: Drip Zone Width Study
BVID 37459 - Raw Data



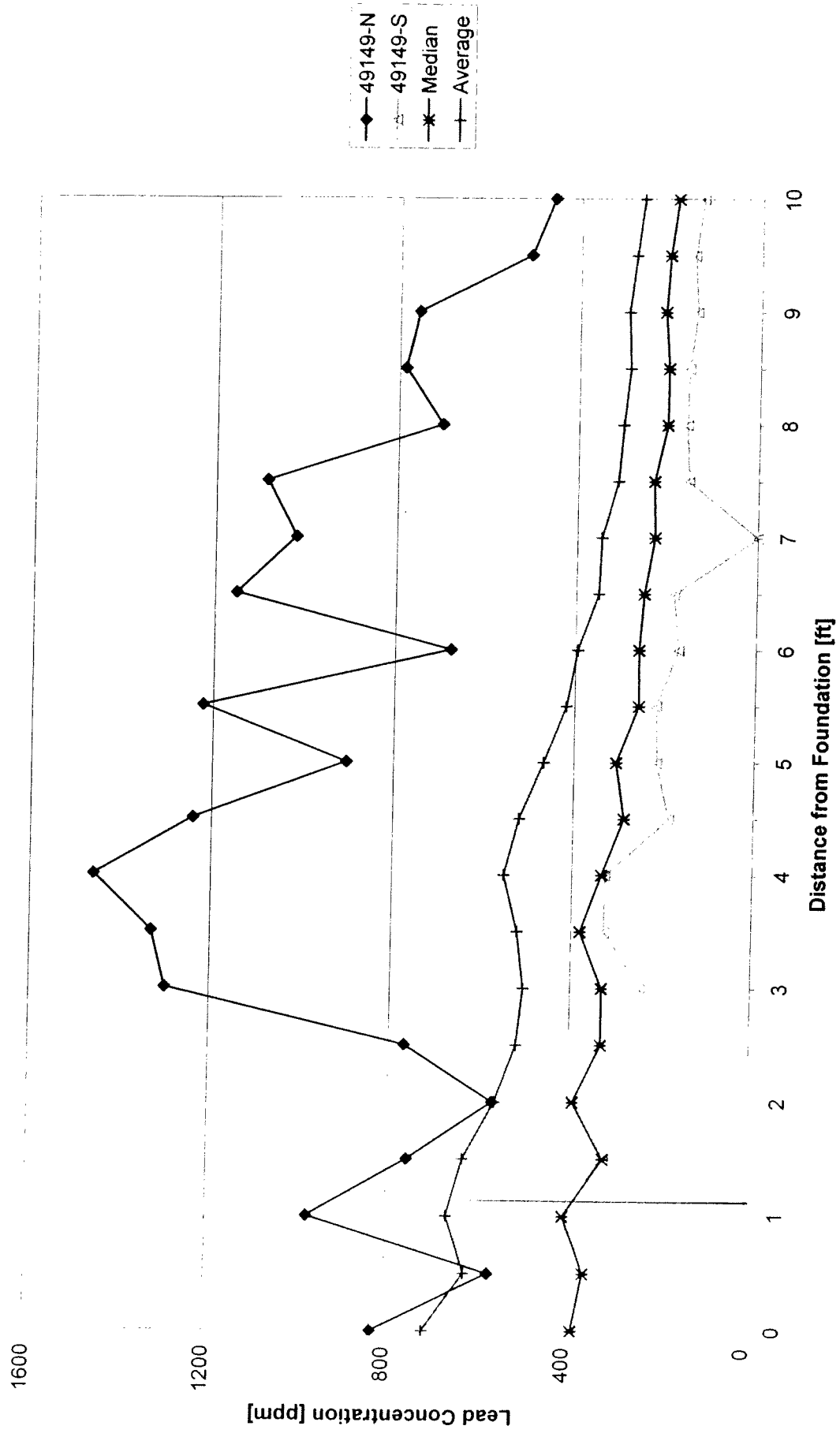
Omaha Lead Site: Drip Zone Width Study BVID 37506 - Raw Data



Omaha Lead Site: Drip Zone Width Study BVID 49066 - Raw Data

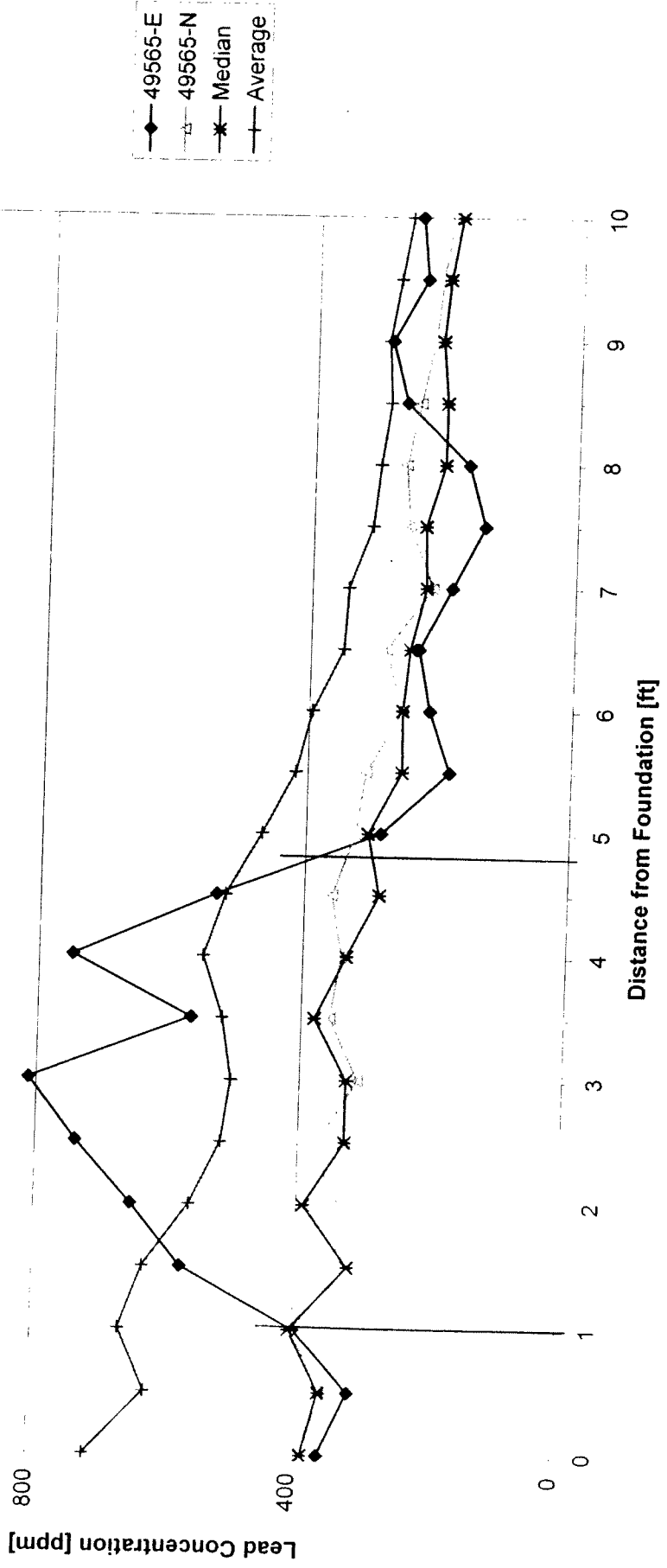


Omaha Lead Site: Drip Zone Width Study
BVID 49149 - Raw Data

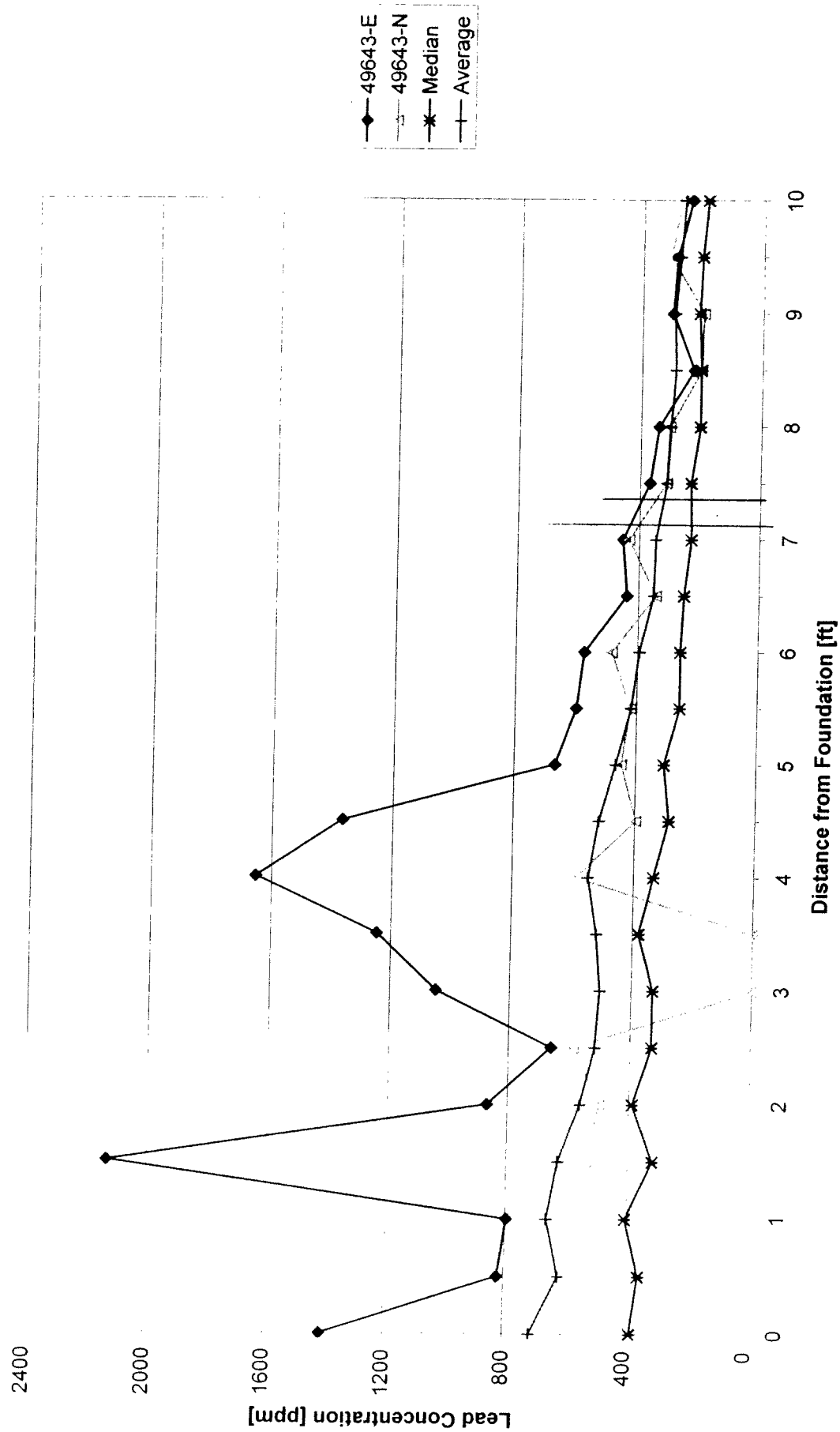


Omaha Lead Site: Drip Zone Width Study BVID 49565 - Raw Data

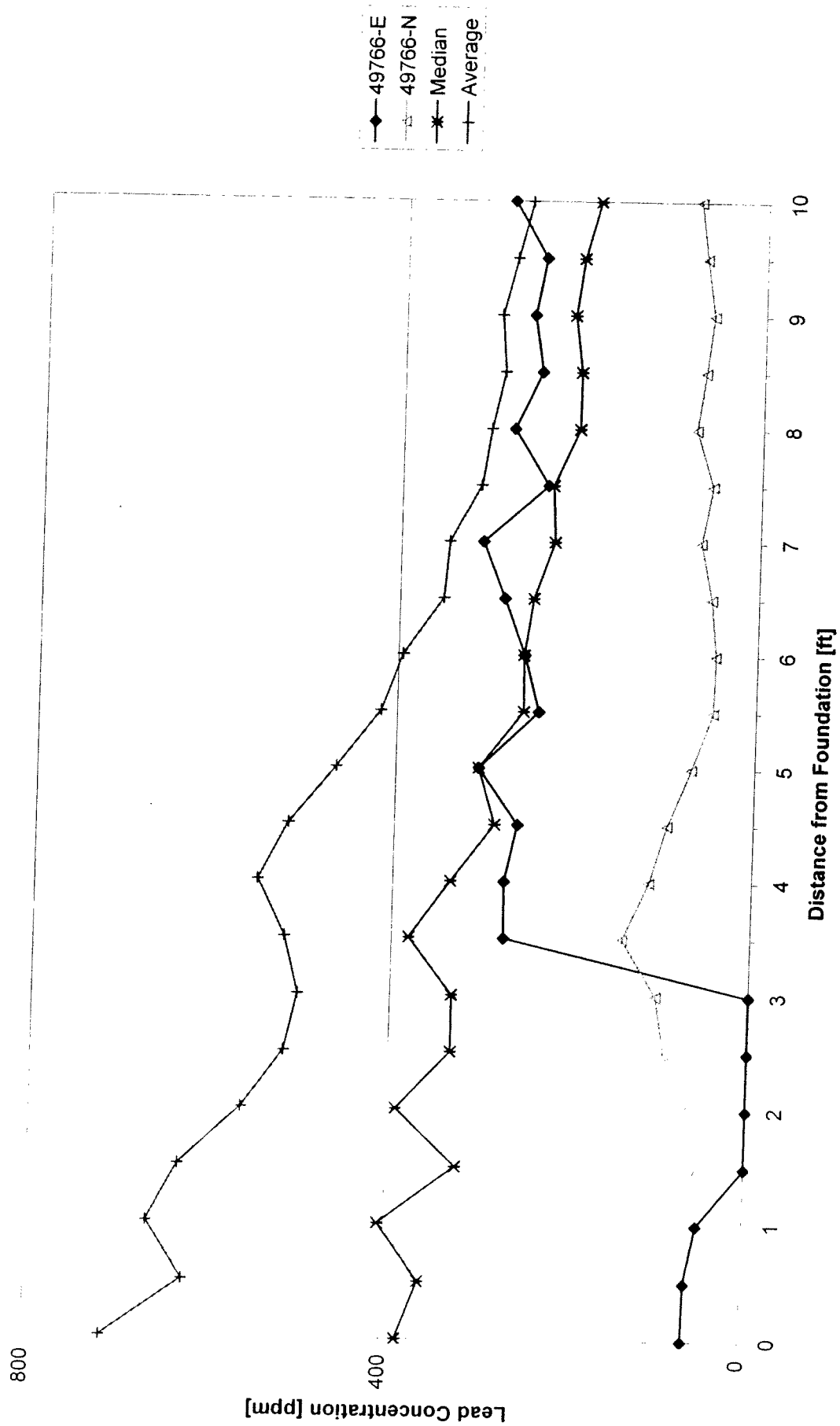
1200



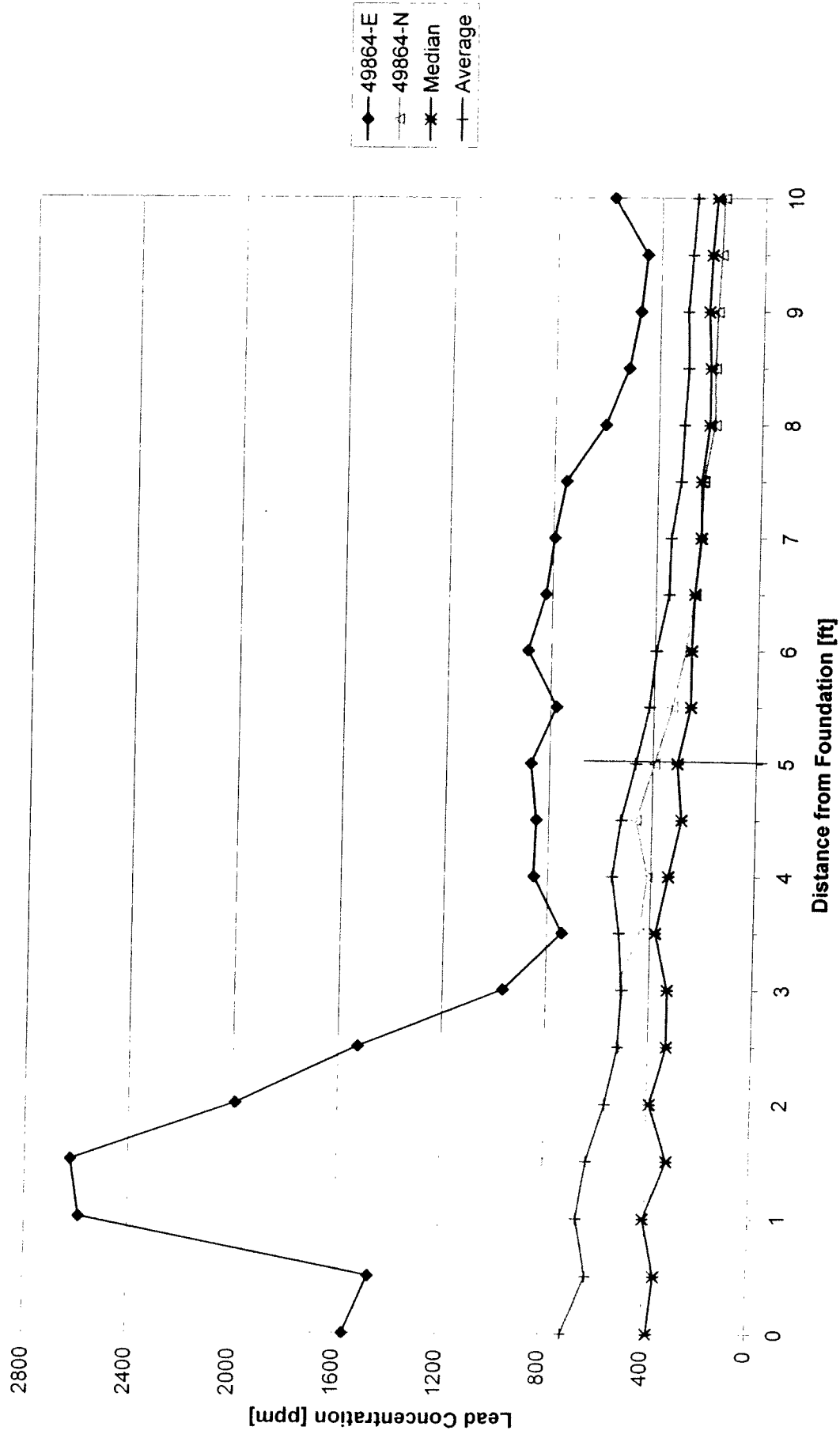
Omaha Lead Site: Drip Zone Width Study BVID 49643 - Raw Data



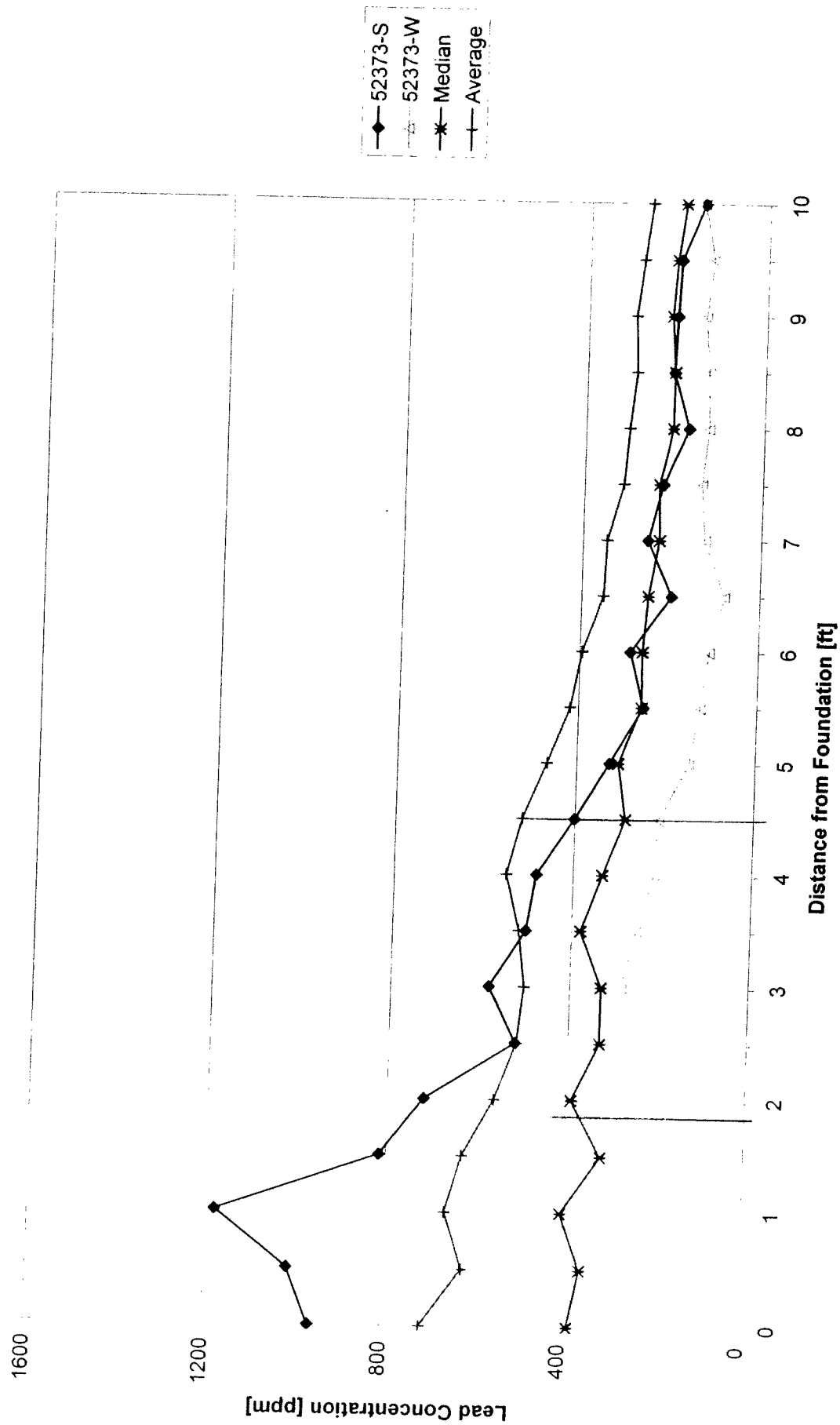
Omaha Lead Site: Drip Zone Width Study BVID 49766 - Raw Data



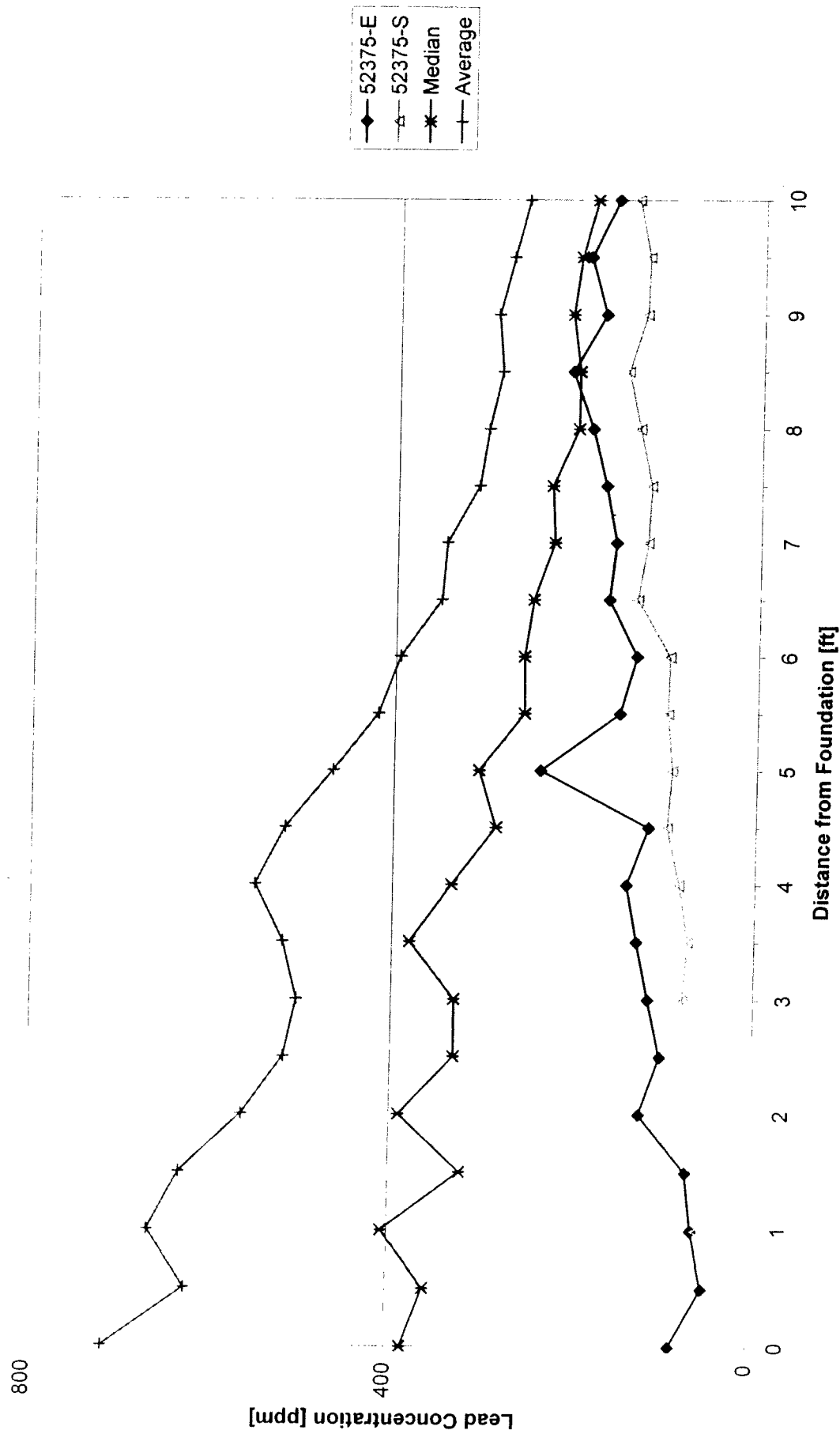
Omaha Lead Site: Drip Zone Width Study
BVID 49864 - Raw Data



Omaha Lead Site: Drip Zone Width Study BVID 52373 - Raw Data



Omaha Lead Site: Drip Zone Width Study
BVID 52375 - Raw Data





Prepared for:
U.S. Environmental Protection Agency
Region 7
901 North 5th Street
Kansas City, Kansas 66101

Drip Zone Width Study Addendum

Copies of Field Sheets

Omaha Lead Site
Omaha, Nebraska

April 6, 2006

EPA Contract No.: EP-S7-05-06
EPA Task Order No.: 091
BVSPC Project No.: 44701



BLACK & VEATCH
building a world of difference™

ENERGY WATER INFORMATION GOVERNMENT

Prepared by:
Black & Veatch Special Projects Corp.
6601 College Blvd.
Overland Park, Kansas 66211

BLACK & VEATCH SPECIAL PROJECTS CORP.

MEMORANDUM

PROJECT: Omaha Lead Site Remedial Design
SUBJECT: Drip Zone Width Study

BVSPC Project 44701
BVSPC File D.1
April 6, 2006

To: Robert Feild, EPA Region 7 Task Order Project Officer

From: Clif Rope

RE: Transmittal of Revised Drip Zone Width Study Addendum

Please find enclosed 3 bound copies and 1 unbound copy of the Revised Drip Zone Width Study Addendum. This document supersedes the March 17, 2006 Drip Zone Width Study (DZWS) Report Addendum, prepared by Black & Veatch Special Projects Corporation. Like the previous version, this document contains the field sheets for each property included in the study, arranged by BVID (See Table 1). The BVID is a unique parcel or property identification number assigned to a parcel or property in connection with CERCLA Remedial Investigation or Remedial Design residential soil sampling activities.

Environmental sampling associated with the DZWS took place in December 2005. Office screening XRF analyses were completed in January 2006. This Addendum contains field sheets covering the following types of sampling:

- Drip Zone Width Study sampling
- Residential Surface Soil Sampling
- Exterior Lead-Based Paint Assessments

This addendum also includes Access Signature forms signed by the property owners. Because all sampling was conducted the same day, one Access Signature sheet was obtained by the Sampling Teams to cover all three types of sampling listed above.

Following submittal of the draft DZWS report in March 2006, Mr. Feild commented that LBP Assessment field sheet data was incomplete and did not match the data being collected during the in-progress LBP Assessment work that commenced in February 2006. Black & Veatch subsequently revisited the DZWS properties, collected additional exterior paint information and revised the LBP Assessment field sheets. The only difference between this document and the March 17 version is the revised the LBP Assessment field sheets, all of which have been exchanged.

If you have any questions, please do not hesitate to contact me at 913-458-6636.

Table 1- Drip Zone Width Study Property List

	BVID	ADDRESS
1	2452	1314 S 31 ST
2	10283	4541 S 18 ST
3	12271	3971 S 39 AV
4	13285	3523 VALLEY ST
5	14410	3608 FREDERICK ST
6	14414	2311 SPRING ST
7	14532	3015 FREDERICK ST
8	15951	2604 S 32 ST
9	16201	2104 BANCROFT ST
10	18203	3323 FRANCES ST
11	25551	3861 CHARLES ST
12	30262	3208 N 41 ST
13	30444	3229 N 41 ST
14	32409	3735 N 40 ST
15	32501	3748 N 40 ST
16	32744	3724 N 18 ST
17	33427	1812 LAIRD ST
18	33601	3166 SPRAGUE ST
19	36911	5324 N 26 ST
20	37404	2907 ELLISON AV
21	37459	5524 N 27 ST
22	37506	2427 ELLISON AV
23	49066	4721 S 18 ST
24	49149	2702 S 19 ST
25	49565	204 S 48 ST
26	49643	4601 DAVENPORT ST
27	49766	4602 CALIFORNIA ST
28	49864	4713 CUMING ST
29	52373	4724 DAVENPORT ST
30	52375	4624 DAVENPORT ST

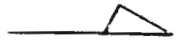
BVID: 2452

Owner Name: SIDONIA DELAROSA
Address: 114 531 ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

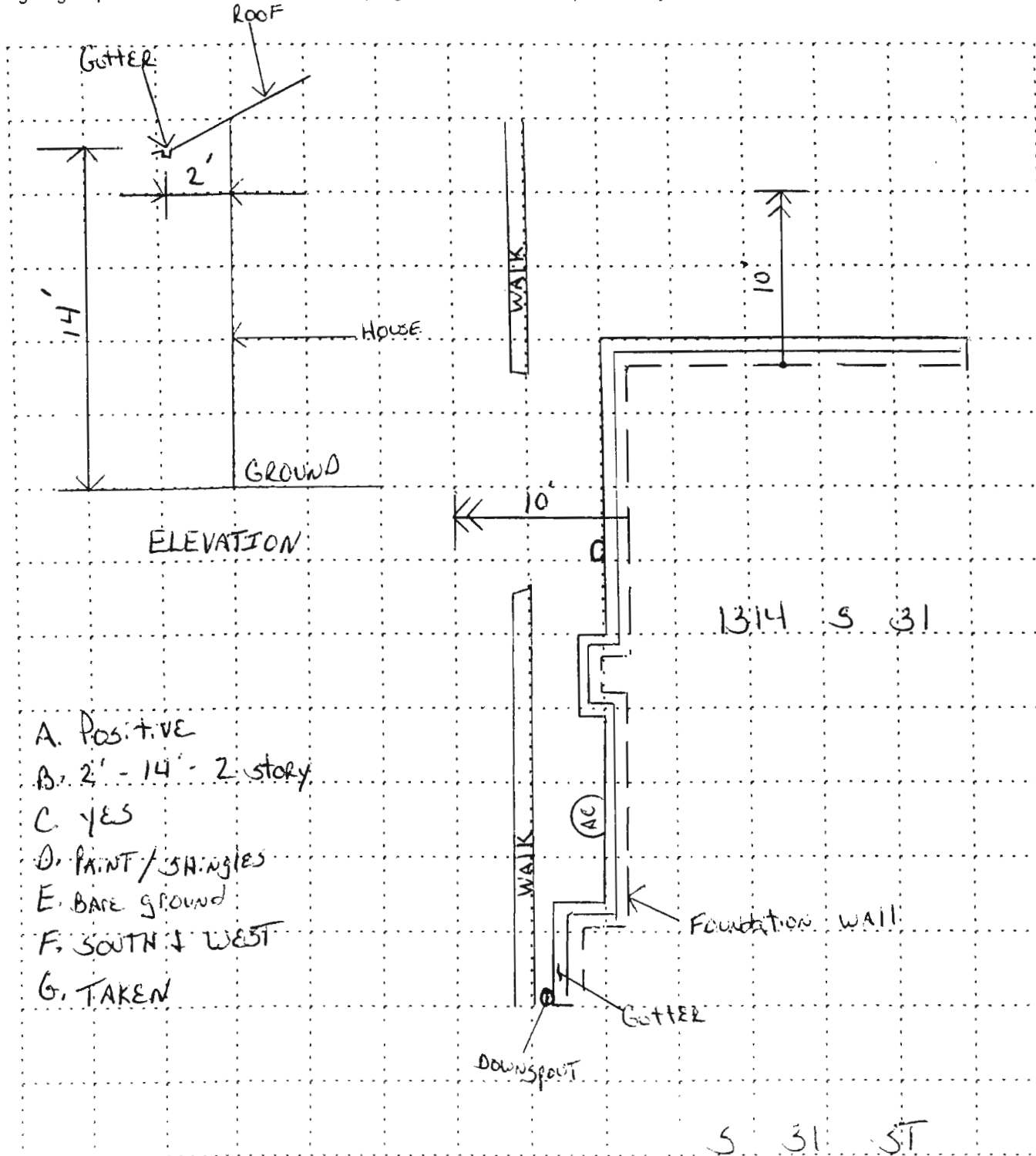
Exterior Paint
☐ Good
☒ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



Omaha Lead Site Drip Zone Study

BVID: 2452

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-5-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01-W-2452		<u>292</u>	☐	DZ 01-S-2452		<u>429</u>	☐
DZ 02-W-2452		<u>177</u>	☐	DZ 02-S-2452		<u>424</u>	☐
DZ 03-W-2452		<u>283</u>	☐	DZ 03-S-2452		<u>407</u>	☐
DZ 04-W-2452		<u>379</u>	☐	DZ 04-S-2452		<u>455</u>	☒
DZ 05-W-2452		<u>212</u>	☐	DZ 05-S-2452		<u>392</u>	☐
DZ 06-W-2452		<u>225</u>	☐	DZ 06-S-2452		<u>330</u>	☐
DZ 07-W-2452		<u>313</u>	☐	DZ 07-S-2452		<u>331</u>	☐
DZ 08-W-2452		<u>365</u>	☐	DZ 08-S-2452		<u>436</u>	☐
DZ 09-W-2452		<u>321</u>	☐	DZ 09-S-2452		<u>743</u>	☐
DZ 10-W-2452		<u>283</u>	☐	DZ 10-S-2452		<u>598</u>	☐
DZ 11-W-2452		<u>226</u>	☐	DZ 11-S-2452		<u>495</u>	☐
DZ 12-W-2452		<u>308</u>	☐	DZ 12-S-2452		<u>387</u>	☐
DZ 13-W-2452		<u>278</u>	☒	DZ 13-S-2452		<u>394</u>	☐
DZ 14-W-2452		<u>258</u>	☐	DZ 14-S-2452		<u>321</u>	☐
DZ 15-W-2452		<u>242</u>	☐	DZ 15-S-2452		<u>348</u>	☐
DZ 16-W-2452		<u>235</u>	☐	DZ 16-S-2452		<u>356</u>	☐
DZ 17-W-2452		<u>205</u>	☐	DZ 17-S-2452		<u>430</u>	☐
DZ 18-W-2452		<u>199</u>	☐	DZ 18-S-2452		<u>415</u>	☐
DZ 19-W-2452		<u>262</u>	☐	DZ 19-S-2452		<u>403</u>	☐
DZ 20-W-2452		<u>215</u>	☐	DZ 20-S-2452		<u>346</u>	☐
DZ 20-W-2452		<u>197</u>	☐	DZ 20-S-2452		<u>338</u>	☐

# of Samples: 20 1	# of Samples: 20 1
Lab Result <u>DZ13-WL-2452</u> 287 ppm	Lab Result <u>DZ04-SL-2452</u> 376 ppm

Rev 0.9a2

044701.01.23



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor, llame Debbie Kring al 1-800-223-0425.

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-813-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Sidonia de la Rosa
(Name Print) (nombre de dueño)

Sidonia De La Rosa
(Property Owner Signature) (Firma del dueño)

12-11-05
(date) (fecha)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident/owner, property name, etc.)

Resident Name: _____

☒ owner ☐ renter

Residence Address: 1314 S 31 ST

OMAHA
(city)

NE
(state)

68105
(zip)

Property owned by SIDONIA DELAROSA

Owner's mailing address: 1314 S 31 ST, OMAHA, NE 68105

Owner's telephone number - Home: (402) 884 3476 (402) 734 9590 Work: _____

Age of home? 115 years How long have you lived here? 10 years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☒ No

Has the interior been painted or covered since 1978? ☐ Yes ☒ No

Total number of occupants: 17 List Ages: 6 adultos y 3 de 13 años y 3 de 9 y 3 de 4

List ages of occupants under 6 years old who play in the yard for 6 or more hours per week: 3 y 7 años y 6 años (años)

Comments: 4 niños menores de 5 años Todas juegan en la

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS + B2 Study Yorda

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(a) of CERCLA, 42 U.S.C. 9604(a), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent.

First: 10/22/05 1:41 Second: 11-4-05 2:14 Third: 12/07/05 3:45pm
S.T.H.



MES



2452



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By _____

(Please Print Name)

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 1314 S 31 ST

OMAHA
(CITY)NE
(STATE)68105
(ZIP)

Property owned by SIDONIA DELAROSA

Owner's mailing address: 1314 S 31 ST, OMAHA, NE 68105

Owner's telephone number - Home: _____

Work: _____

Age of home? 115 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 10/22/05 1:41 PM Second: 11/02/05 2:14 PM Third: 12/07/05 3:45 pm
JH S.J.H.

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

ER 127 12 76

MES



2452

Owner Name: SIDONIA DELAROSAAddress: 1314 S 31 STPhone: H: 884-3476 W:Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☒ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

Samples Collected

Firm: MES-A.H./K.M.Date: 12/27/05Time: 1:55

Samples Analyzed

XRF Unit: 1037 Book: 143Date: 1-5-06Time: PMStaff: LA

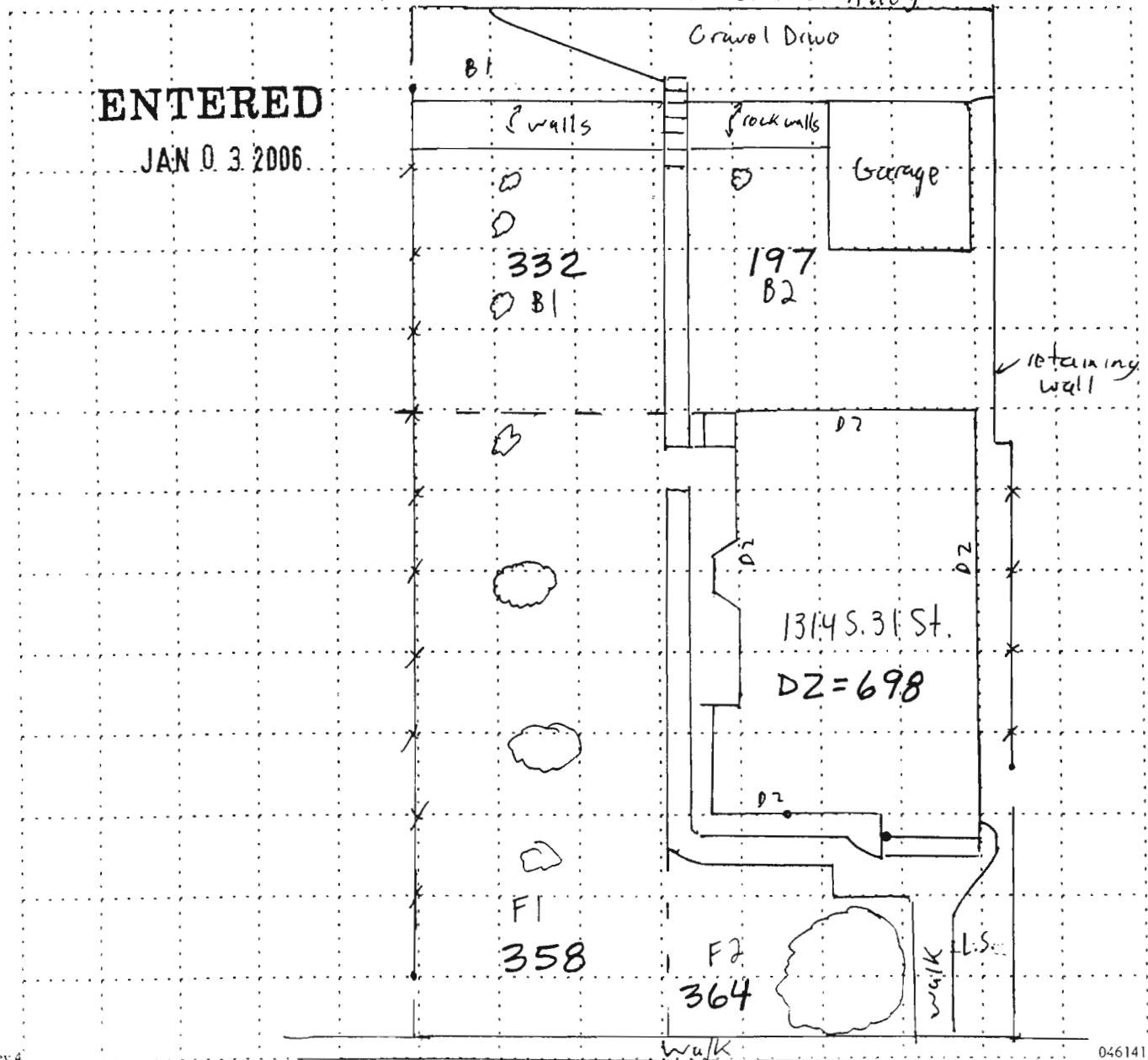
RYASCPXA-2452	F1	<u>358</u>	ppm	☒	☐
RYBSCPXA-2452	F2	<u>364</u>	ppm	☒	☐
RYCSCPXA-2452	B1	<u>332</u>	ppm	☒	☐
RYDSCPXA-2452	B2	<u>197</u>	ppm	☒	☐
RDZSCPXA-2452	DZ	<u>698</u>	ppm	☒	☐
~~RGZSCPXA-2452~~	~~GZ~~	~~-~~	~~ppm~~	☐	☐
~~RPZSCPXA-2452~~	~~PZ~~	~~-~~	~~ppm~~	☐	☐

Number of Samples = 5 0Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

Alley

ENTERED

JAN 0 3 2006





2452



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie King al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie King at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

(Please Print Name)

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE12-11-05

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ NoResident Address: 1314 S 31 STOMAHA NE 68105
(city) (STATE) (ZIP)Owner Name: SIDONIA DELAROSAOwner address: 1314 S 31 ST, OMAHA, NE 68105Owner's telephone number - Home: 402-884-3476

Work: _____

Age of home: 116 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - shingle siding - 70%, 30% painted -
window/door trim, siding, porch, soffit & fascia. Shed - wood siding - 100% painted.Description of conditions which could contribute to paint deterioration: Gutters are in poor condition,
missing splash blocks on east/south sides, and missing downspout on south
side. On east side soffit/fascia, porch ceiling & floor was included & repainted.**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919

LEGEND:

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

XRF Unit: 1 Book: 139
Date: 12/27/05 Time: 2:25
Staff: MES-A.H./K.M.

[illegible]



2452

Owner Name: SIDONIA DELAROSA

Address: 1314 S 31 ST

Phone: H: 402-884-3476 W:

Omaha Lead Site

Site Sketch

LBP Assessment

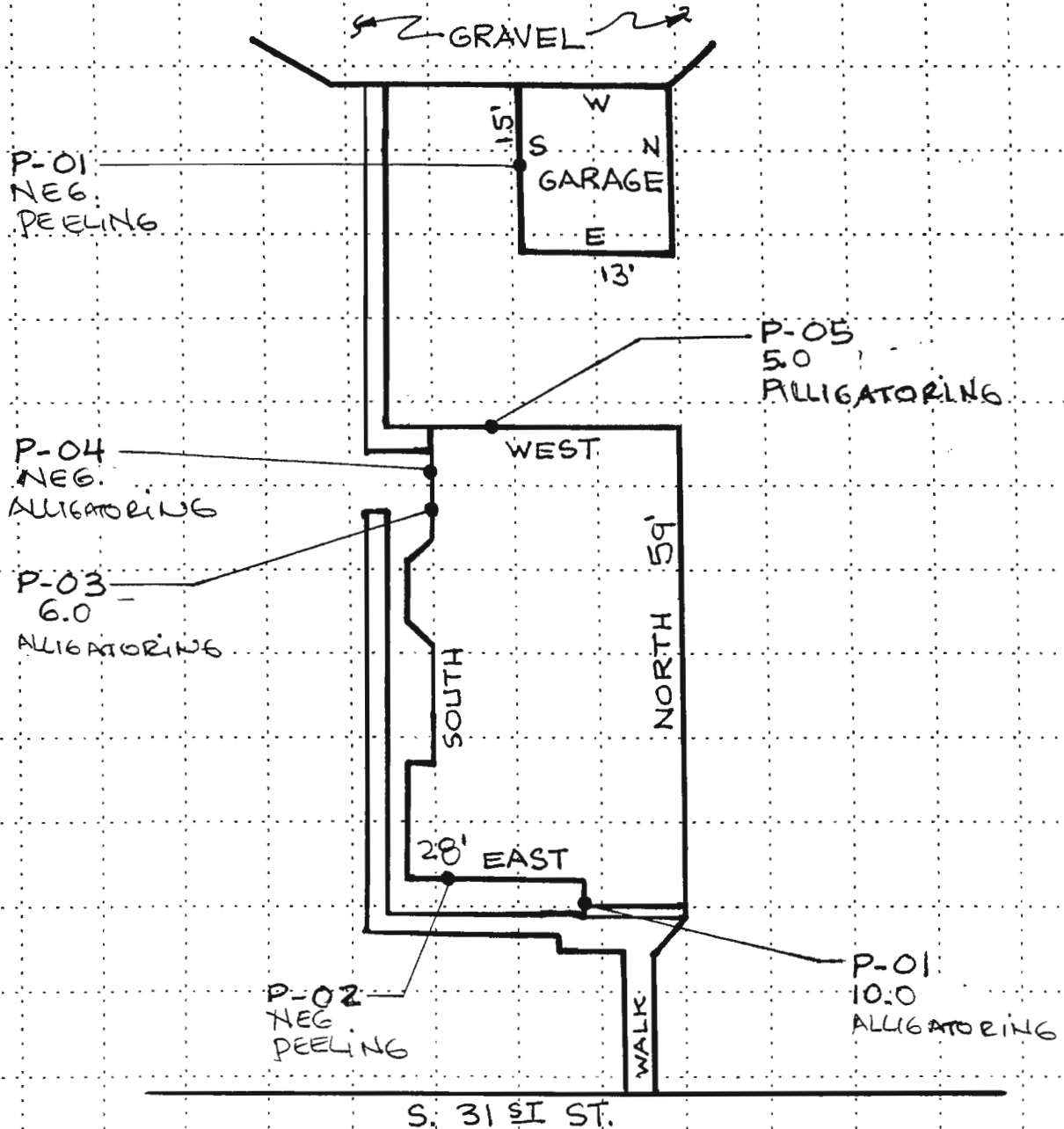
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





2452

Owner Name: SIDONIA DELAROSA

Address: 1314 S 31 ST

Phone: H: 402-884-3476 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Garage.

Surface Painted Area	North =	0	ft ²
	South =	150	ft ²
	East =	50	ft ²
	West =	50	ft ²
Total Surface Painted Area =		250	ft ²

House

Surface Painted Area	North =	490	ft ²
	South =	490	ft ²
	East =	300	ft ²
	West =	160	ft ²
Total Surface Painted Area =		1840	ft ²

Cont. from pg 1.

w/ the column for deteriorated area. On the south/west sides soffit/fascia included w/ window trim for deteriorated area. On the north side soffit/fascia deteriorated area is 25 ft².

Omaha Lead Site Drip Zone Study

BVID: 10283

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-16-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>W-10283</u>		<u>326</u>	☐	~~DZ 01-~~		<u>-</u>	☐				
DZ 02- <u>W-10283</u>		<u>253</u>	☐	~~DZ 02-~~		<u>-</u>	☐				
DZ 03- <u>W-10283</u>		<u>273</u>	☐	~~DZ 03-~~		<u>-</u>	☐				
DZ 04- <u>W-10283</u>		<u>301</u>	☐	~~DZ 04-~~		<u>-</u>	☐				
DZ 05- <u>W-10283</u>		<u>305</u>	☐	~~DZ 05-~~		<u>-</u>	☐				
~~DZ 06-<u>W-10283</u>~~		<u>-</u>	☐	~~DZ 06-~~		<u>-</u>	☐				
~~DZ 07-<u>W-10283</u>~~		<u>-</u>	☐	DZ 07- <u>S-10283</u>		<u>503</u>	☐				
~~DZ 08-<u>W-10283</u>~~		<u>-</u>	☐	DZ 08- <u>S-10283</u>		<u>1009</u>	☐				
DZ 09- <u>W-10283</u>		<u>197</u>	☐	DZ 09- <u>S-10283</u>		<u>597</u>	☐				
DZ 10- <u>W-10283</u>		<u>209</u>	☐	DZ 10- <u>S-10283</u>		<u>763</u>	☐				
DZ 11- <u>W-10283</u>		<u>275</u>	☐	DZ 11- <u>S-10283</u>		<u>470</u>	☐				
DZ 12- <u>W-10283</u>		<u>189</u>	☐	DZ 12- <u>S-10283</u>		<u>389</u>	☐				
DZ 13- <u>W-10283</u>		<u>176</u>	☐	DZ 13- <u>S-10283</u>		<u>588</u>	☐				
DZ 14- <u>W-10283</u>		<u>134</u>	☐	DZ 14- <u>S-10283</u>		<u>870</u>	☐				
DZ 15- <u>W-10283</u>		<u>136</u>	☐	DZ 15- <u>S-10283</u>		<u>516</u>	☐				
DZ 16- <u>W-10283</u>		<u>119</u>	☐	DZ 16- <u>S-10283</u>		<u>456</u>	☐				
DZ 17- <u>W-10283</u>		<u>133</u>	☐	DZ 17- <u>S-10283</u>		<u>461</u>	☐				
DZ 18- <u>W-10283</u>		<u>114</u>	☐	DZ 18- <u>S-10283</u>		<u>366</u>	☐				
DZ 19- <u>W-10283</u>		<u>105</u>	☐	DZ 19- <u>S-10283</u>		<u>316</u>	☐				
DZ 20- <u>W-10283</u>		<u>131</u>	☐	DZ 20- <u>S-10283</u>		<u>324</u>	☐				
DZ 21- <u>W-10283</u>		<u>112</u>	☐	DZ 21- <u>S-10283</u>		<u>297</u>	☐				

# of Samples: 18	# of Samples: 15

Owner Name: JACK MCINTIRE
 Address: 4541 S 18 ST
 Phone: H: 391-2598 W: _____

Omaha Lead Site Site Sketch

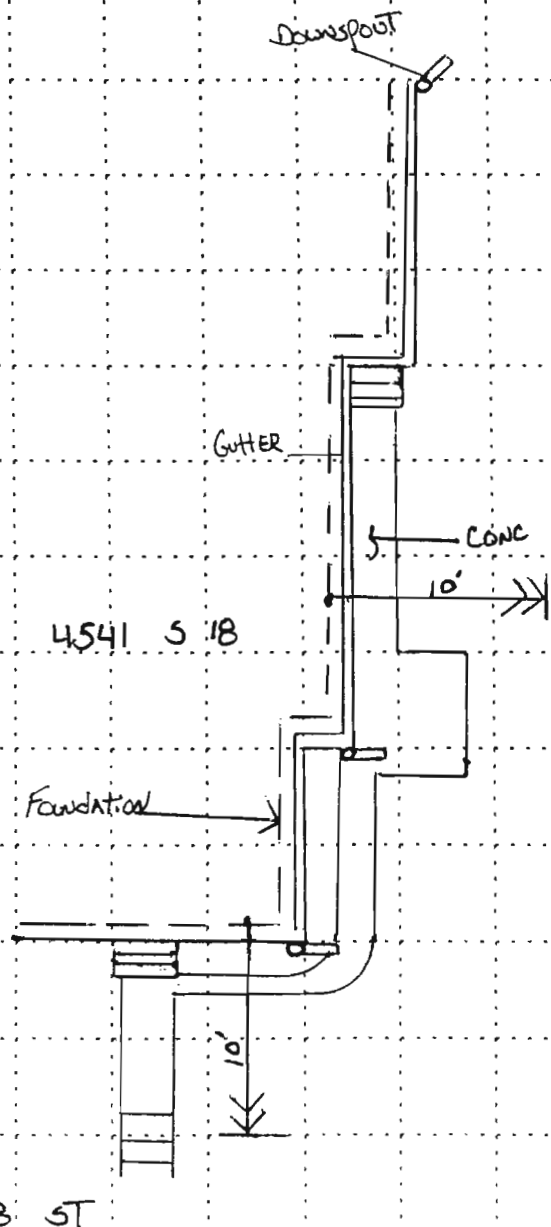
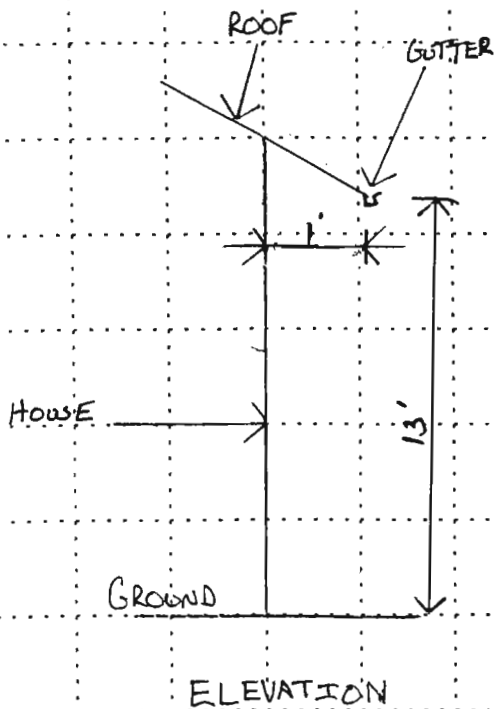
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 1' - 13' - 1 story
- YES
- PAINT
- BARE ground
- SOUTH + WEST
- TAKEN



10283



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

RUTH MCINTIRE
(Please Print Name)[Signature]
(property Owner Signature)11-28-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS☐ owner ☒ renterResidence Address: 4541 S 18 STOMAHA
(CITY)NE
(STATE)68107
(ZIP)Property owned by JACK MCINTIREOwner's mailing address: 6205 MAPLE ST, OMAHA, NE 68104Owner's telephone number - Home: 402-391-2598

Work: _____

Age of home? 94 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ NoTotal number of occupants: 4 List Ages: 42 40 10, 12

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11-10-05 2:31 msw Second: 11-21-05 1:00 pm MT Third: 11-22-05 2:10 pm MT

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

FB 134

11-29-05



10283

Owner Name: JACK MCINTIRE

Address: 4541 S 18 ST

Phone: H: 402-391-2598 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-10283	F1	200	ppm	☒	☐
RYBSCPXA-10283	F2	120	ppm	☒	☐
RYCSCPXA-10283	B1	598	ppm	☒	☐
RYDSCPXA-10283	B2	391	ppm	☒	☐
RDZSCPXA-10283	DZ	331	ppm	☒	☐
~~RGZSCPXA-10283~~	~~GZ~~	~~-~~	~~ppm~~	☐	☐
~~RPZSCPXA-10283~~	~~PZ~~	~~-~~	~~ppm~~	☐	☐

Number of Samples = 5 0

Samples Collected

Firm: MES-A.H./K.M.

Date: 12/15/05

Time: 1:30

Samples Analyzed

XRF Unit: 1037 Book: 143

Date: 1-16-06

Time: PM

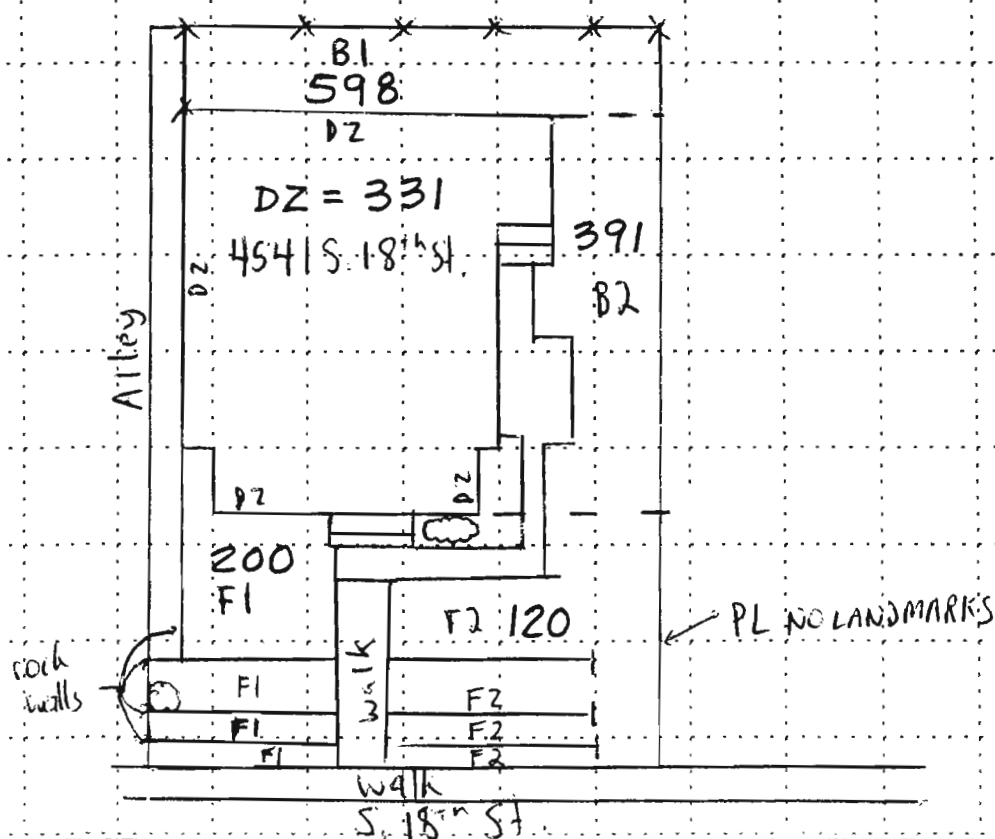
Staff: LA

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





10283



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** *(to be completed by property owner)*

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-29-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION*(to be completed by resident and/or property owner - Please Print)*

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 4541 S 18 ST

OMAHA NE 68107
(CITY) (STATE) (ZIP)

Owner Name: JACK MCINTIRE

Owner address: 6205 MAPLE ST, OMAHA, NE 68104

Owner's telephone number - Home: 402-391-2598 Work: _____

Age of home: 95 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials: House - wood siding - 100% painted.
(type of siding, and approximate % of exterior painted)

Description of conditions which could contribute to paint deterioration: The foundation on the north side is in poor condition and needs downspout extensions. Needs splash blocks on all.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____

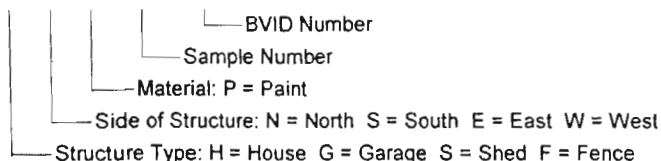


Omaha Lead Site LBP Assessment



10283

LEGEND: H - N - P - 01 - 12345



Samples Analyzed

XRF Unit: 1 Book: 139
Date: 12/15/05 Time: 2:05
Staff: MES-A.H./K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>W</u> - P - 01 - 10283	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>white</u>	<u>1</u> ft ²
H - <u>W</u> - P - 02 - 10283	<u>NEG</u> mg/cm ²	<u>TRIM</u>	<u>WOOD</u>	<u>Green</u>	<u>1</u> ft ²
H - <u>W</u> - P - 03 - 10283	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>GREY</u>	<u>1</u> ft ²
H - <u>N</u> - P - 04 - 10283	<u>10</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 05 - 10283	<u>5</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>GREY</u>	<u>25</u> ft ²
H - <u>N</u> - P - 06 - 10283	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>N</u> - P - 07 - 10283	<u>9</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>GREY</u>	<u>1</u> ft ²
H - <u>E</u> - P - 08 - 10283	<u>3</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>GREY</u>	<u>20</u> ft ²
H - <u>E</u> - P - 09 - 10283	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 10 - 10283	<u>17</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 11 - 10283	<u>2</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 12 - 10283	<u>8</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>GREY</u>	<u>5</u> ft ²
H - <u>S</u> - P - <u>13</u> - 10283	<u>7</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 10283	mg/cm ²				ft ²



10283

Owner Name: JACK MCINTIRE

Address: 4541 S 18 ST

Phone: H: 402-391-2598 W:

Omaha Lead Site
Site Sketch
LBP Assessment

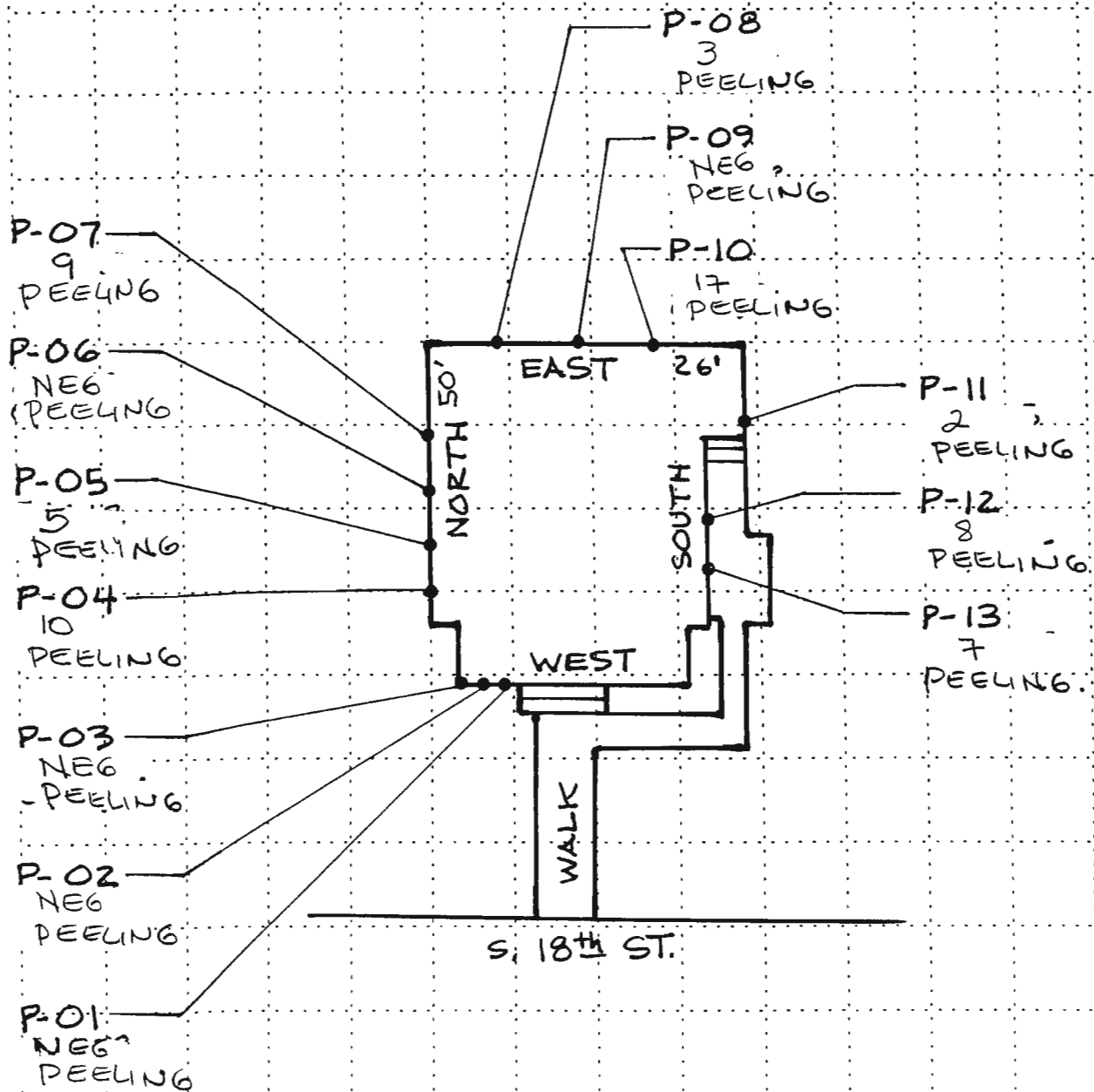
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligatoring, blistering and/or peeling)





10283

Owner Name: JACK MCINTIRE

Address: 4541 S 18 ST

Phone: H: 402-391-2598 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 670 ft²
South = 670 ft²
HOUSE East = 310 ft²
West = 310 ft²
Total Surface Painted Area = 1960 ft²

Omaha Lead Site Drip Zone Study

BVID: 12271

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-16-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E - 12271</u>		<u>371</u>	☐	DZ 01- <u>S - 12271</u>		<u>277</u>	☐				
DZ 02- <u>E - 12271</u>		<u>345</u>	☐	DZ 02- <u>S - 12271</u>		<u>358</u>	☐				
DZ 03- <u>E - 12271</u>		<u>293</u>	☐	DZ 03- <u>S - 12271</u>		<u>470</u>	☐				
DZ 04- <u>E - 12271</u>		<u>317</u>	☐	DZ 04- <u>S - 12271</u>		<u>303</u>	☐				
DZ 05- <u>E - 12271</u>		<u>199</u>	☐	DZ 05- <u>S - 12271</u>		<u>259</u>	☐				
DZ 06- <u>E - 12271</u>		<u>132</u>	☐	DZ 06- <u>S - 12271</u>		<u>262</u>	☐				
DZ 07- <u>E - 12271</u>		<u>158</u>	☐	DZ 07- <u>S - 12271</u>		<u>174</u>	☐				
DZ 08- <u>E - 12271</u>		<u>240</u>	☐	DZ 08- <u>S - 12271</u>		<u>123</u>	☐				
DZ 09- <u>E - 12271</u>		<u>261</u>	☐	DZ 09- <u>S - 12271</u>		<u>114</u>	☐				
DZ 10- <u>E - 12271</u>		<u>319</u>	☐	DZ 10- <u>S - 12271</u>		<u>112</u>	☐				
DZ 11- <u>E - 12271</u>		<u>311</u>	☐	DZ 11- <u>S - 12271</u>		<u>165</u>	☐				
DZ 12- <u>E - 12271</u>		<u>293</u>	☐	DZ 12- <u>S - 12271</u>		<u>229</u>	☐				
DZ 13- <u>E - 12271</u>		<u>281</u>	☐	DZ 13- <u>S - 12271</u>		<u>179</u>	☐				
DZ 14- <u>E - 12271</u>		<u>249</u>	☐	DZ 14- <u>S - 12271</u>		<u>155</u>	☐				
DZ 15- <u>E - 12271</u>		<u>211</u>	☐	DZ 15- <u>S - 12271</u>		<u>137</u>	☐				
DZ 16- <u>E - 12271</u>		<u>228</u>	☐	DZ 16- <u>S - 12271</u>		<u>154</u>	☐				
DZ 17- <u>E - 12271</u>		<u>183</u>	☐	DZ 17- <u>S - 12271</u>		<u>143</u>	☐				
DZ 18- <u>E - 12271</u>		<u>184</u>	☐	DZ 18- <u>S - 12271</u>		<u>141</u>	☐				
DZ 19- <u>E - 12271</u>		<u>245</u>	☐	DZ 19- <u>S - 12271</u>		<u>107</u>	☐				
DZ 20- <u>E - 12271</u>		<u>227</u>	☐	DZ 20- <u>S - 12271</u>		<u>113</u>	☐				
DZ 21- <u>E - 12271</u>		<u>169</u>	☐	DZ 21- <u>S - 12271</u>		<u>109</u>	☐				

# of Samples: 21	# of Samples: 21

BVID: 12271

Owner Name: DONALD GOTTSCHALK

Address: 3971 S 39 AV

Phone: H: W:

Omaha Lead Site
Site Sketch

Exterior Paint

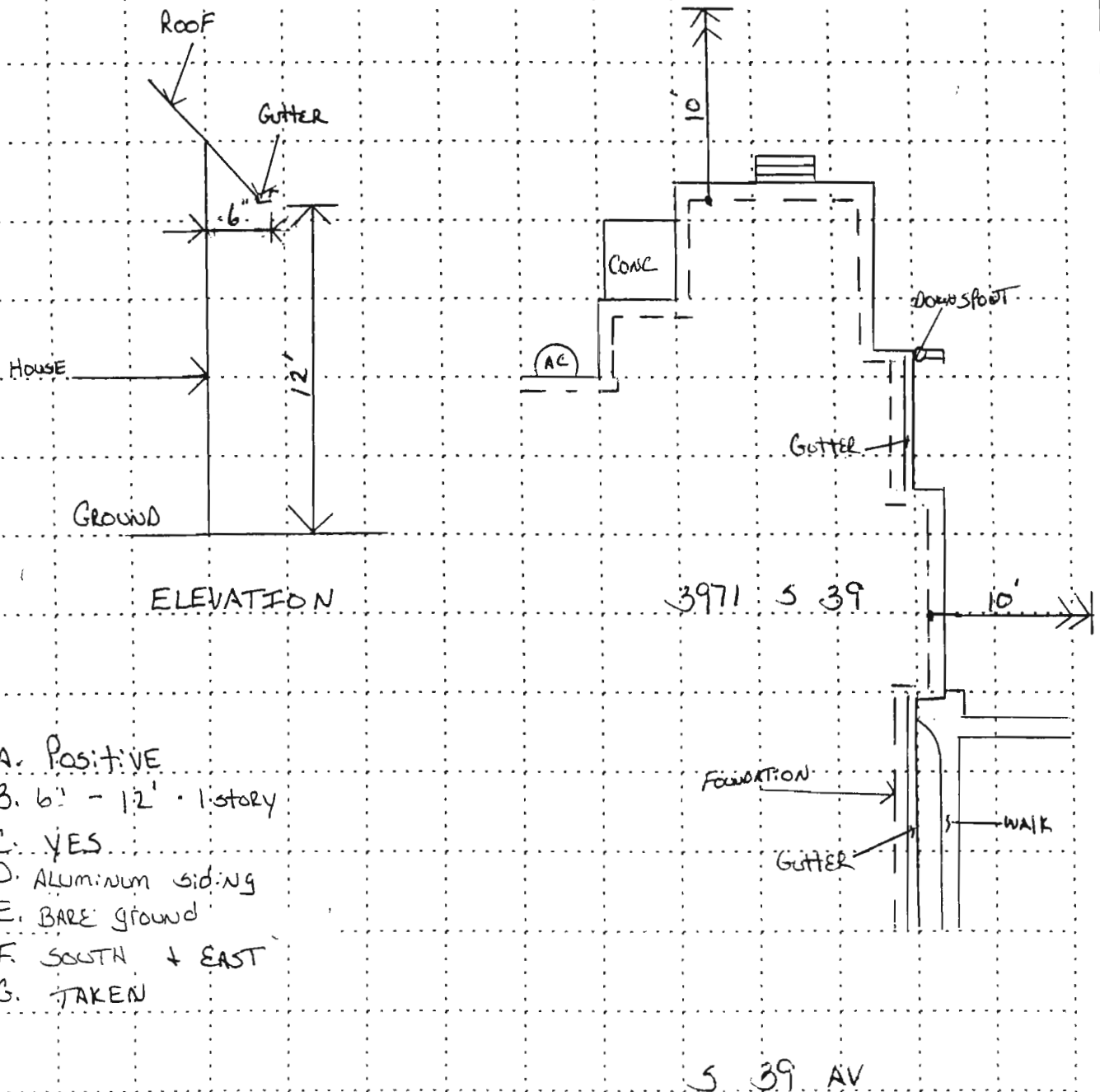
☐ Good☐ Poor☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.





U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

Judy A. Light
(Please Print Name)

December 16, 2005
(date)

Judy A. Light
(property owner signature)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: Stephen J. & Judy A. Light

☒ owner ☐ renter

Residence Address: 3971 S 39 Ave

Omaha NE 68107
(CITY) (STATE) (ZIP)

Property owned by Stephen J. Light

Owner's mailing address: 59th & 46th

Owner's telephone number - Home: 402 558 5439

Work: _____

Age of home? 95 years

How long have you lived here? 2 years mos.

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ No 2

Has the interior been painted or covered since 1978? ☒ Yes ☐ No 2 A.H.

Total number of occupants: 2 List Ages: 53 & 49

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: N/A

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



12271

Owner Name: Stephen J. Light
DONALD W. GOTTSCHALKAddress: 3971 S 39 AVPhone: H: 402-292-2233 W:
558-5439Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-12271 F1	<u>88</u> ppm	☒	☐
RYBSCPXA-12271 F2	<u>75</u> ppm	☒	☐
RYCSCPXA-12271 B1	<u>105</u> ppm	☒	☐
RYDSCPXA-12271 B2	<u>100</u> ppm	☒	☐
RDZSCPXA-12271 DZ	<u>358</u> ppm	☒	☐
~~RGZSCPXA-12271 GZ~~	~~-~~ ppm	☐	☐
~~RPZSCPXA-12271 PZ~~	~~-~~ ppm	☐	☐

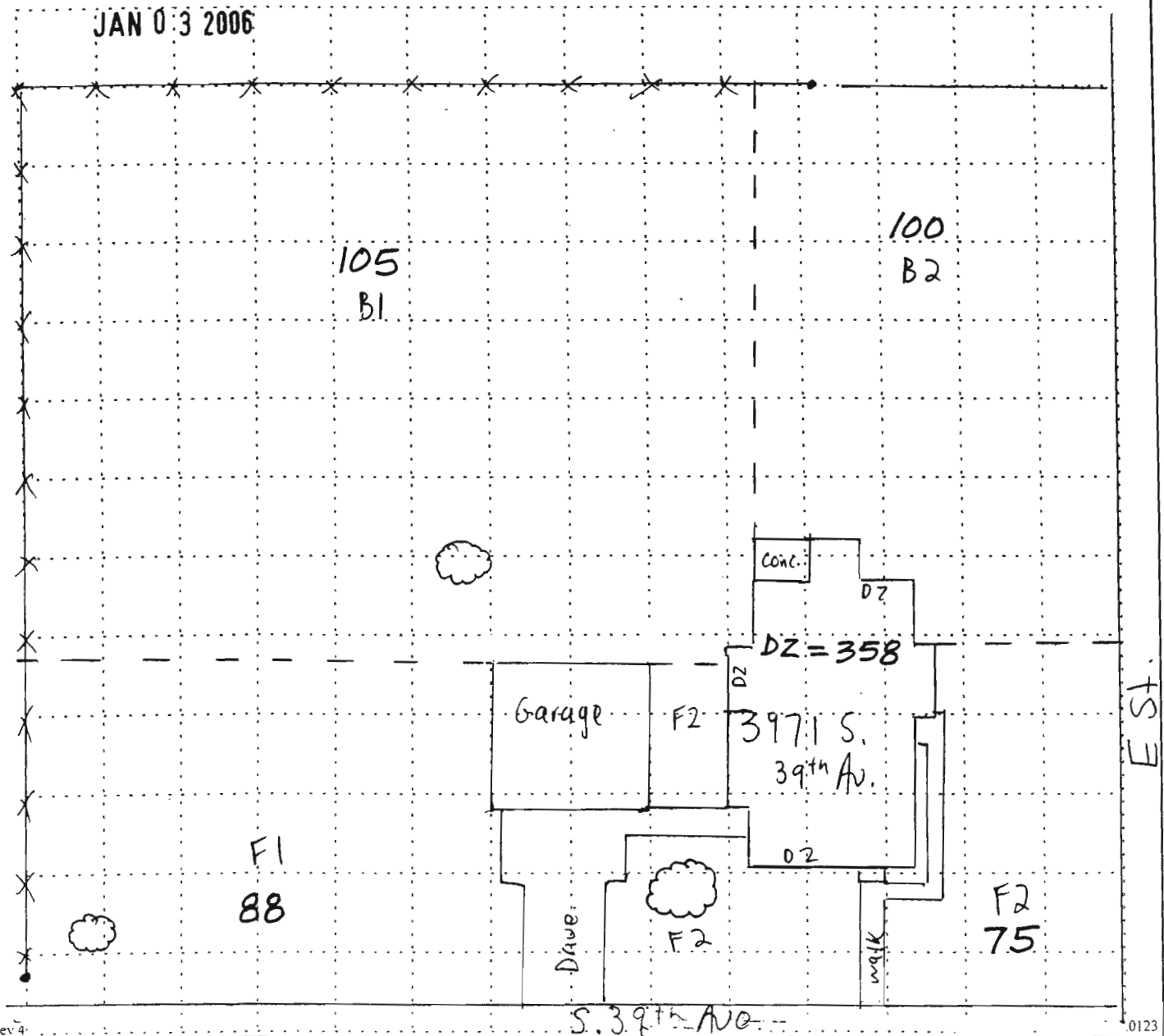
Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES-A.H./K.M.</u>
Date:	<u>12/16/05</u>
Time:	<u>2:50</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-16-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>

Legend: F1 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

JAN 03 2006





12271



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Krings al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Krings at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

4-18-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied?

☒ Yes ☐ NoResident Address: 3971 S 39 AV

OMAHA

NE

68107

(CITY)

(STATE)

(ZIP)

Owner Name: STEPHEN J & JUDY A LIGHTOwner address: 3971 S 39 AVE, OMAHA, NE 68107Owner's telephone number - Home: 402-558-5439

Work: _____

Age of home: 96 yearsPaint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - steel siding - 80%, 20% painted -
door/window trim, porch, soffit & fascia. Garage - cement block - 100% painted.Description of conditions which could contribute to paint deterioration: On house missing all
splash blocks.**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



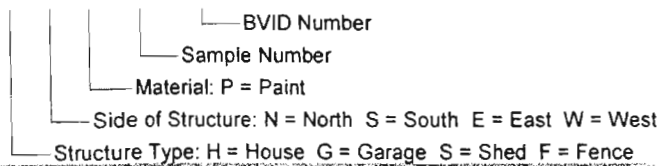
Omaha Lead Site LBP Assessment



12271

LEGEND:

H - N - P - 01 - 12345



Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/16/05 Time: 3:20
 Staff: MES-A.H./K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>W</u> - P - 01 - 12271	<u>22</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>W</u> - P - 02 - 12271	<u>2</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>N</u> - P - 03 - 12271	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>E</u> - P - 04 - 12271	<u>NEG</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>S</u> - P - 05 - 12271	<u>5</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>S</u> - P - 06 - 12271	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u> </u> - P - 07 - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>W</u> - P - <u>1</u> - 12271	<u>NEG</u> mg/cm ²	<u>BLOCK</u>	<u>CONC.</u>	<u>GREEN</u>	<u>1</u> ft ²
<u>G</u> - <u>W</u> - P - <u>2</u> - 12271	<u>NEG</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
<u>G</u> - <u>W</u> - P - <u>3</u> - 12271	<u>NEG</u> mg/cm ²	<u>TRIM</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 12271	_____ mg/cm ²	_____	_____	_____	_____ ft ²



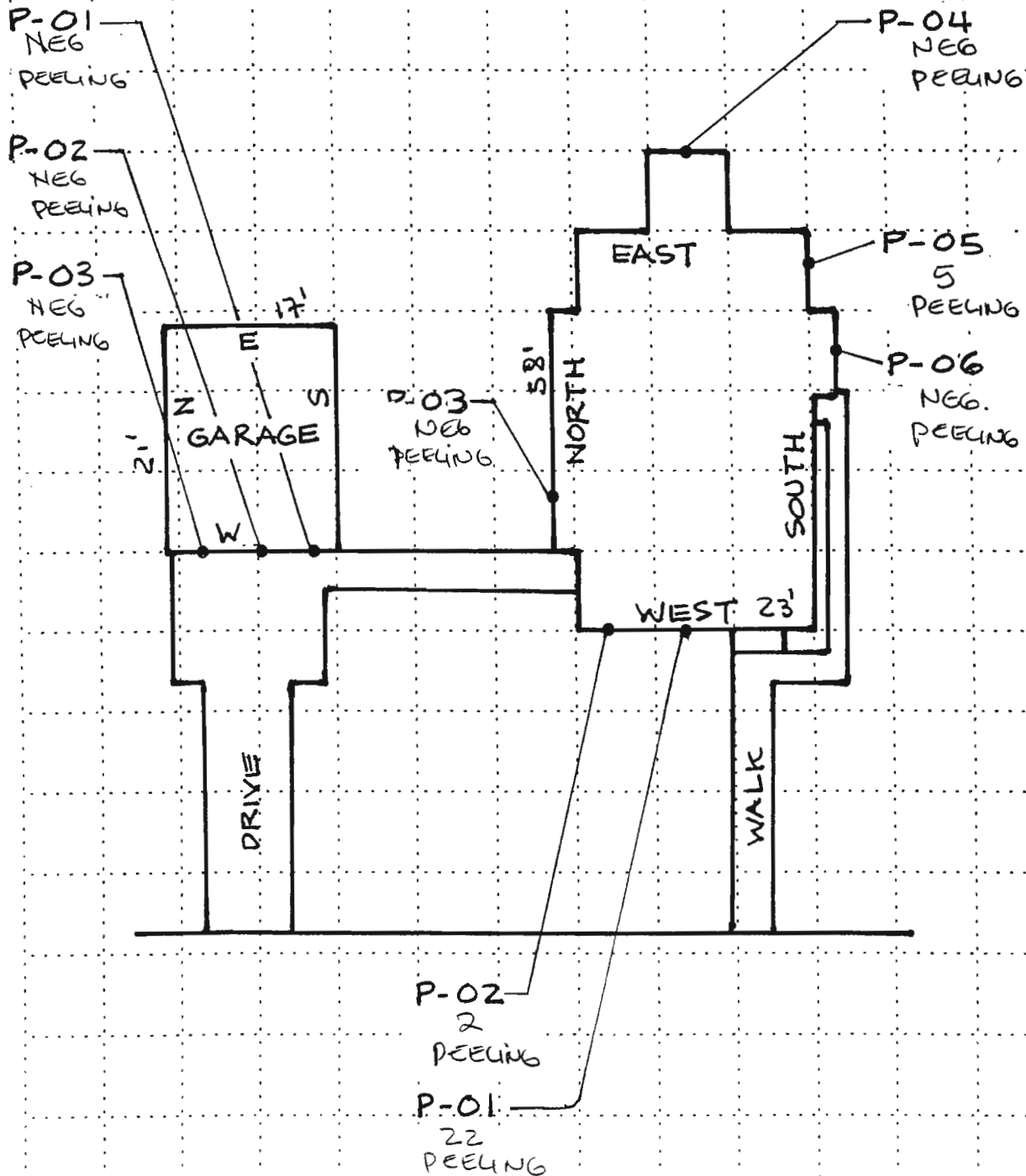
12271

Owner Name: STEPHEN J & JUDY A LIGHTAddress: 3971 S 39 AVPhone: H: 402-558-5439 W: _____**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

**Plan View - Indicate number of stories and perimeter dimensions of structure****Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





12271

Owner Name: STEPHEN J & JUDY A LIGHTAddress: 3971 S 39 AVPhone: H: 402-558-5439 W: _____Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 70 ft²
South = 50 ft²
HOUSE East = 70 ft²
West = 280 ft²
Total Surface Painted Area = 470 ft²

Surface Painted Area North = 170 ft²
South = 170 ft²
GARAGE East = 140 ft²
West = 140 ft²
Total Surface Painted Area = 620 ft²

Omaha Lead Site Drip Zone Study

BVID: 13285

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-13-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E - 13285</u>		<u>206</u>	☐	DZ 01- <u>N - 13285</u>		<u>30</u>	☐				
DZ 02- <u>E - 13285</u>		<u>310</u>	☐	DZ 02- <u>N - 13285</u>		<u>25</u>	☐				
DZ 03- <u>E - 13285</u>		<u>223</u>	☐	DZ 03- <u>N - 13285</u>		<u>40</u>	☐				
DZ 04- <u>E - 13285</u>		<u>205</u>	☐	DZ 04- <u>N - 13285</u>		<u>51</u>	☐				
DZ 05- <u>E - 13285</u>		<u>179</u>	☐	DZ 05- <u>N - 13285</u>		<u>62</u>	☐				
DZ 06- <u>E - 13285</u>		<u>148</u>	☐	DZ 06- <u>N - 13285</u>		<u>64</u>	☐				
DZ 07- <u>E - 13285</u>		<u>161</u>	☐	DZ 07- <u>N - 13285</u>		<u>55</u>	☐				
DZ 08- <u>E - 13285</u>		<u>187</u>	☐	DZ 08- <u>N - 13285</u>		<u>69</u>	☐				
DZ 09- <u>E - 13285</u>		<u>190</u>	☐	DZ 09- <u>N - 13285</u>		<u>64</u>	☐				
DZ 10- <u>E - 13285</u>		<u>198</u>	☐	DZ 10- <u>N - 13285</u>		<u>67</u>	☐				
DZ 11- <u>E - 13285</u>		<u>219</u>	☐	DZ 11- <u>N - 13285</u>		<u>70</u>	☐				
DZ 12- <u>E - 13285</u>		<u>210</u>	☐	DZ 12- <u>N - 13285</u>		<u>71</u>	☐				
DZ 13- <u>E - 13285</u>		<u>161</u>	☐	DZ 13- <u>N - 13285</u>		<u>70</u>	☐				
DZ 14- <u>E - 13285</u>		<u>141</u>	☐	DZ 14- <u>N - 13285</u>		<u>62</u>	☐				
DZ 15- <u>E - 13285</u>		<u>126</u>	☐	DZ 15- <u>N - 13285</u>		<u>68</u>	☐				
DZ 16- <u>E - 13285</u>		<u>133</u>	☐	DZ 16- <u>N - 13285</u>		<u>69</u>	☐				
DZ 17- <u>E - 13285</u>		<u>119</u>	☐	DZ 17- <u>N - 13285</u>		<u>71</u>	☐				
DZ 18- <u>E - 13285</u>		<u>134</u>	☐	DZ 18- <u>N - 13285</u>		<u>54</u>	☐				
DZ 19- <u>E - 13285</u>		<u>128</u>	☐	DZ 19- <u>N - 13285</u>		<u>67</u>	☐				
DZ 20- <u>E - 13285</u>		<u>134</u>	☐	DZ 20- <u>N - 13285</u>		<u>63</u>	☐				
DZ 21- <u>E - 13285</u>		<u>134</u>	☐	DZ 21- <u>N - 13285</u>		<u>80</u>	☐				

# of Samples:	<u>21</u>		# of Samples:	<u>21</u>	

BVID: 13285

Owner Name: ADAIR HOLDING
 Address: 3523 Valley ST
 Phone: H: _____ W: _____

Omaha Lead Site Sketch

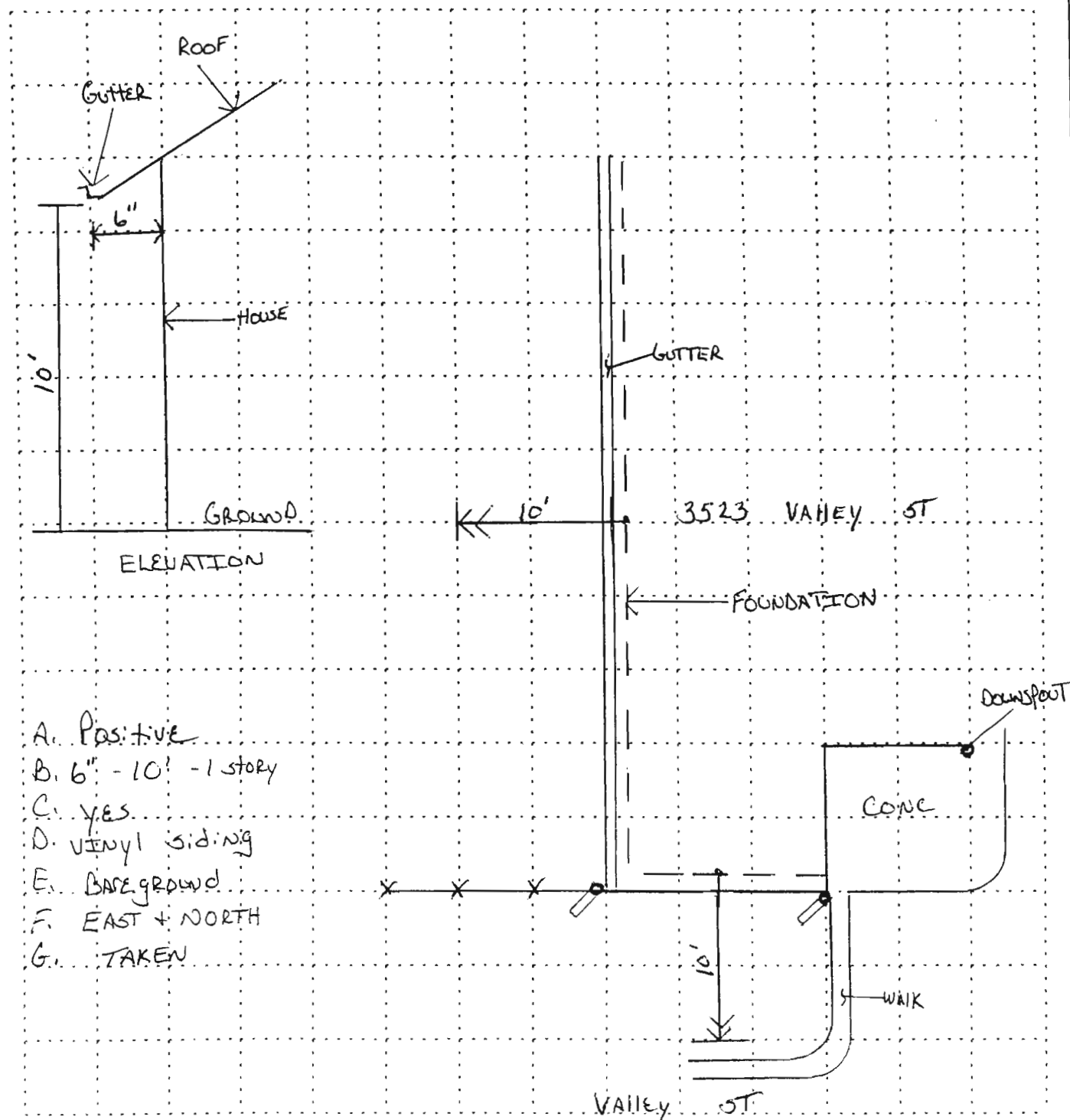
Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- Positive
- 6" - 10' - 1 story
- YES
- VINYL Siding
- BAREGROUND
- EAST + NORTH
- TAKEN

34005
7/10/04



13285



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By: Chris Newhouse, member
(Please Print Name)

Chris Newhouse
(Property Owner Signature)

11-16-04
(Date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident name: - Vacant -

☐ Owner ☐ Renter

Residence address: 3523 VALLEY ST

OMAHA
(City)

NE
(State)

68105
(Zip)

Property owned by: ROBERT G RYAN ADAIR Holding LLC

Owner's mailing address: 3523 VALLEY ST, OMAHA, NE, 68105 405 N 115 St #100 Omaha, NE

Owner's telephone number - Home: () 399 9049 Work: () 08154

Age of home? _____ years. How long have you lived here? _____ years.

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ No

Has the interior been painted or covered since 1978? ☒ Yes ☐ No

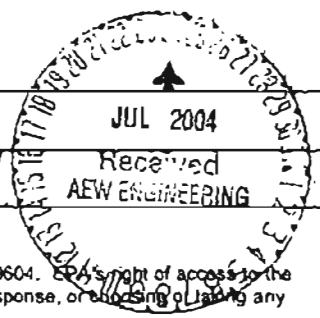
Total number of occupants: _____ List ages: _____

List ages of occupants under 6 years old who play in the yard for 5 hours or more per week: _____

Comments: large dogs in neighbors yard

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."



Access Attempts: Letter sent 04/23/2004 Can't find Robert Ryan abandoned

First: 6/7 4:00 Second: 6/18 11:30 don't work Third: 6/23 3:00

correct owner according to neighbors / been abandoned a long time
11/16/04
Signed 3m Black & Veatch Special Projects Corp.



13285

Owner Name: ADAIR HOLDING LLCAddress: 3523 VALLEY STPhone: H: 402-399-9049 W: _____Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-13285	F1	<u>54</u> ppm	☒	☐
RYBSCPXA-13285	F2	<u>56</u> ppm	☒	☐
RYCSCPXA-13285	B1	<u>111</u> ppm	☒	☐
RYDSCPXA-13285	B2	<u>173</u> ppm	☒	☐
RDZSCPXA-13285	DZ	<u>178</u> ppm	☒	☐
RGZSCPXA-13285	GZ	<u>-</u> ppm	☐	☐
RPZSCPXA-13285	PZ	<u>-</u> ppm	☐	☐

Number of Samples = 5 0

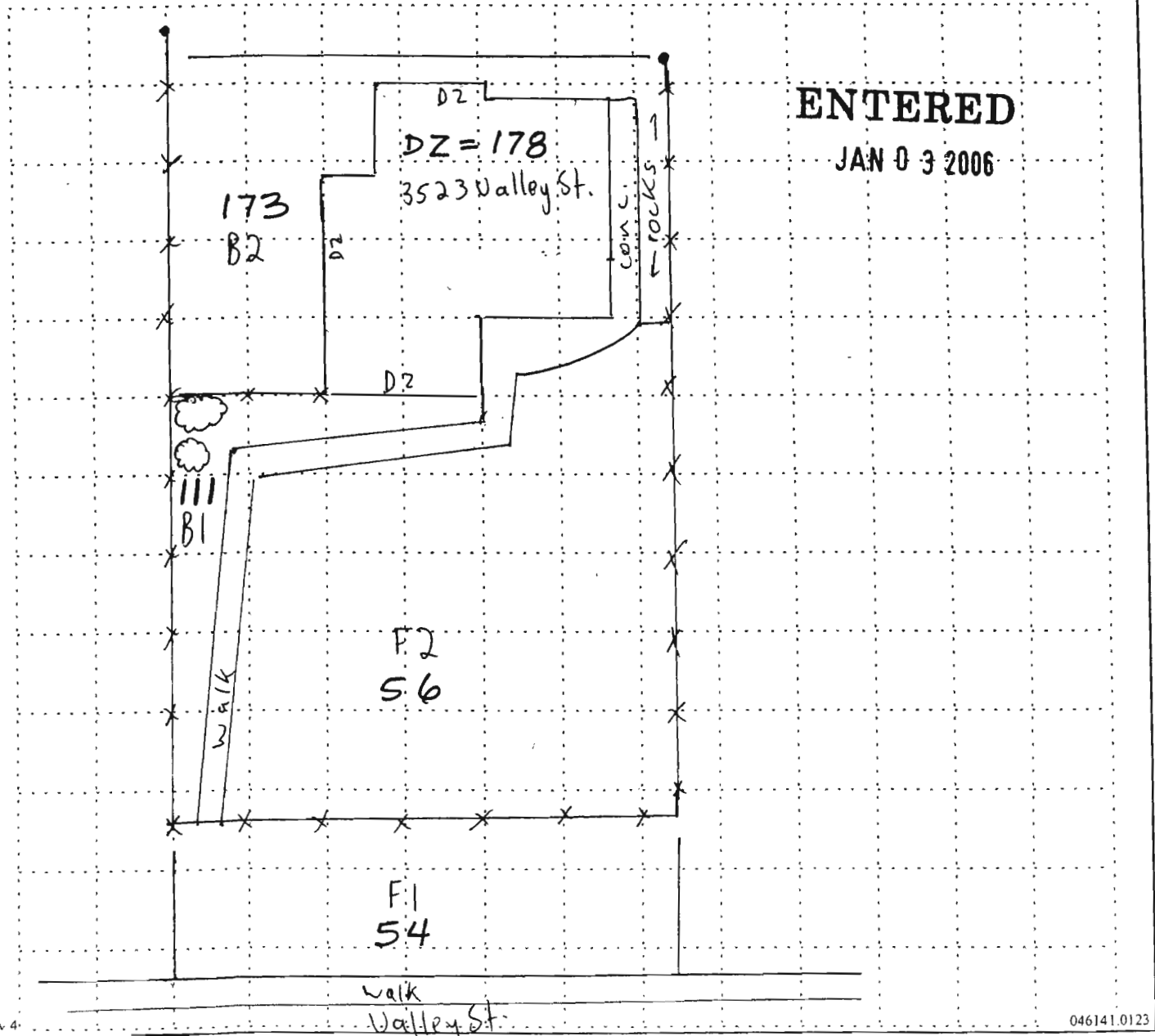
Samples Collected

Firm: MES-A.H./K.MDate: 12/16/05Time: 1:50

Samples Analyzed

XRF Unit: 1037 Book: 143Date: 1-13-06Time: PMStaff: LA

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property





13285



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Krug al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Krug at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-16-04

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 3523 VALLEY ST

OMAHA NE 68105
(CITY) (STATE) (ZIP)

Owner Name: ADAIR HOLDING LLC

Owner address: 405 N 115 ST #100, OMAHA, NE 68154

Owner's telephone number - Home: 402-399-9049

Work: _____

Age of home: 86 years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House-metal siding - 99%, 1% painted
foundation, window sill and window frame.Description of conditions which could contribute to paint deterioration: Missing splash blocks on all
sides.**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/16/05 Time: 2:05
 Staff: MES-A.H./K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 13285	<u>NEG</u> mg/cm ²	<u>WINDOW/SILL</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>N</u> - P - 02 - 13285	<u>NEG</u> mg/cm ²	<u>WINDOW/Frame</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 03 - 13285	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>5</u> ft ²
H - <u> </u> - P - 04 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 05 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 06 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 13285	_____ mg/cm ²	_____	_____	_____	_____ ft ²



13285

Owner Name: ADAIR HOLDING LLC

Address: 3523 VALLEY ST

Phone: H: 402-399-9049 W:

Omaha Lead Site
Site Sketch
LBP Assessment

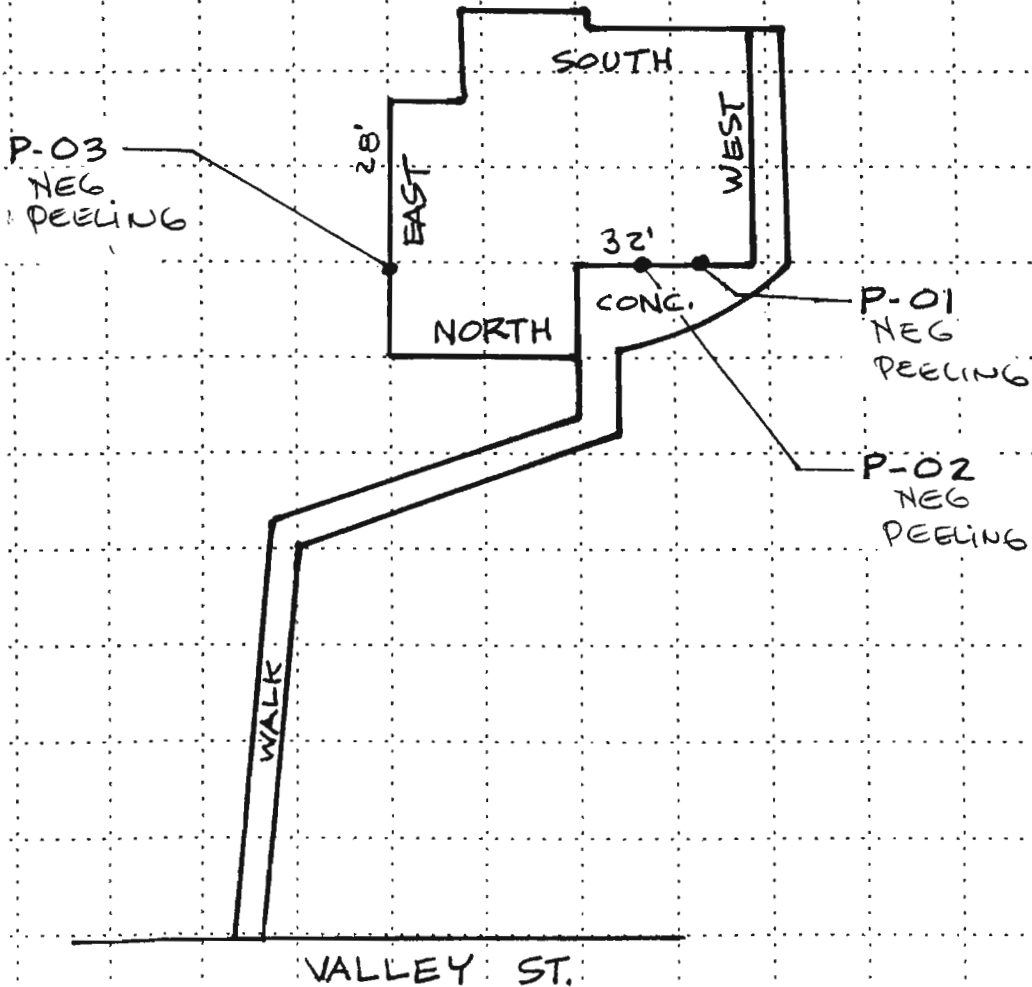
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





13285

Owner Name: ADAIR HOLDING LLC

Address: 3523 VALLEY ST

Phone: H: 402-399-9049 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 10 ft²
South = 0 ft²
HOUSE East = 20 ft²
West = 0 ft²
Total Surface Painted Area = 30 ft²

Omaha Lead Site Drip Zone Study

BVID: 14410

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-17-06</u>		Time: <u>Pm</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E-14410</u>		<u>105</u>	☐	DZ 01- <u>N-14410</u>		<u>43</u>	☐				
DZ 02- <u>E-14410</u>		<u>141</u>	☐	DZ 02- <u>N-14410</u>		<u>26</u>	☐				
DZ 03- <u>E-14410</u>		<u>91</u>	☐	DZ 03- <u>N-14410</u>		<u>27</u>	☐				
DZ 04- <u>E-14410</u>		<u>70</u>	☐	DZ 04- <u>N-14410</u>		<u>40</u>	☐				
DZ 05- <u>E-14410</u>		<u>66</u>	☐	DZ 05- <u>N-14410</u>		<u>51</u>	☐				
DZ 06- <u>E-14410</u>		<u>69</u>	☐	DZ 06- <u>N-14410</u>		<u>38</u>	☐				
DZ 07- <u>E-14410</u>		<u>56</u>	☐	DZ 07- <u>N-14410</u>		<u>46</u>	☐				
DZ 08- <u>E-14410</u>		<u>64</u>	☐	DZ 08- <u>N-14410</u>		<u>58</u>	☐				
DZ 09- <u>E-14410</u>		<u>49</u>	☐	DZ 09- <u>N-14410</u>		<u>58</u>	☐				
DZ 10- <u>E-14410</u>		<u>61</u>	☐	DZ 10- <u>N-14410</u>		<u>72</u>	☐				
DZ 11- <u>E-14410</u>		<u>59</u>	☐	DZ 11- <u>N-14410</u>		<u>63</u>	☐				
DZ 12- <u>E-14410</u>		<u>52</u>	☐	DZ 12- <u>N-14410</u>		<u>56</u>	☐				
DZ 13- <u>E-14410</u>		<u>55</u>	☐	DZ 13- <u>N-14410</u>		<u>61</u>	☐				
DZ 14- <u>E-14410</u>		<u>49</u>	☐	DZ 14- <u>N-14410</u>		<u>72</u>	☐				
DZ 15- <u>E-14410</u>		<u>59</u>	☐	DZ 15- <u>N-14410</u>		<u>44</u>	☐				
DZ 16- <u>E-14410</u>		<u>64</u>	☐	DZ 16- <u>N-14410</u>		<u>53</u>	☐				
DZ 17- <u>E-14410</u>		<u>95</u>	☐	DZ 17- <u>N-14410</u>		<u>49</u>	☐				
DZ 18- <u>E-14410</u>		<u>89</u>	☐	DZ 18- <u>N-14410</u>		<u>49</u>	☐				
DZ 19- <u>E-14410</u>		<u>112</u>	☐	DZ 19- <u>N-14410</u>		<u>48</u>	☐				
DZ 20- <u>E-14410</u>		<u>85</u>	☐	DZ 20- <u>N-14410</u>		<u>49</u>	☐				
DZ 21- <u>E-14410</u>		<u>247</u>	☐	DZ 21- <u>N-14410</u>		<u>52</u>	☐				

# of Samples:	<u>21</u>	
# of Samples:	<u>21</u>	

Owner Name: MYRNA A KLUGAddress: 3608 FREDERICK ST

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

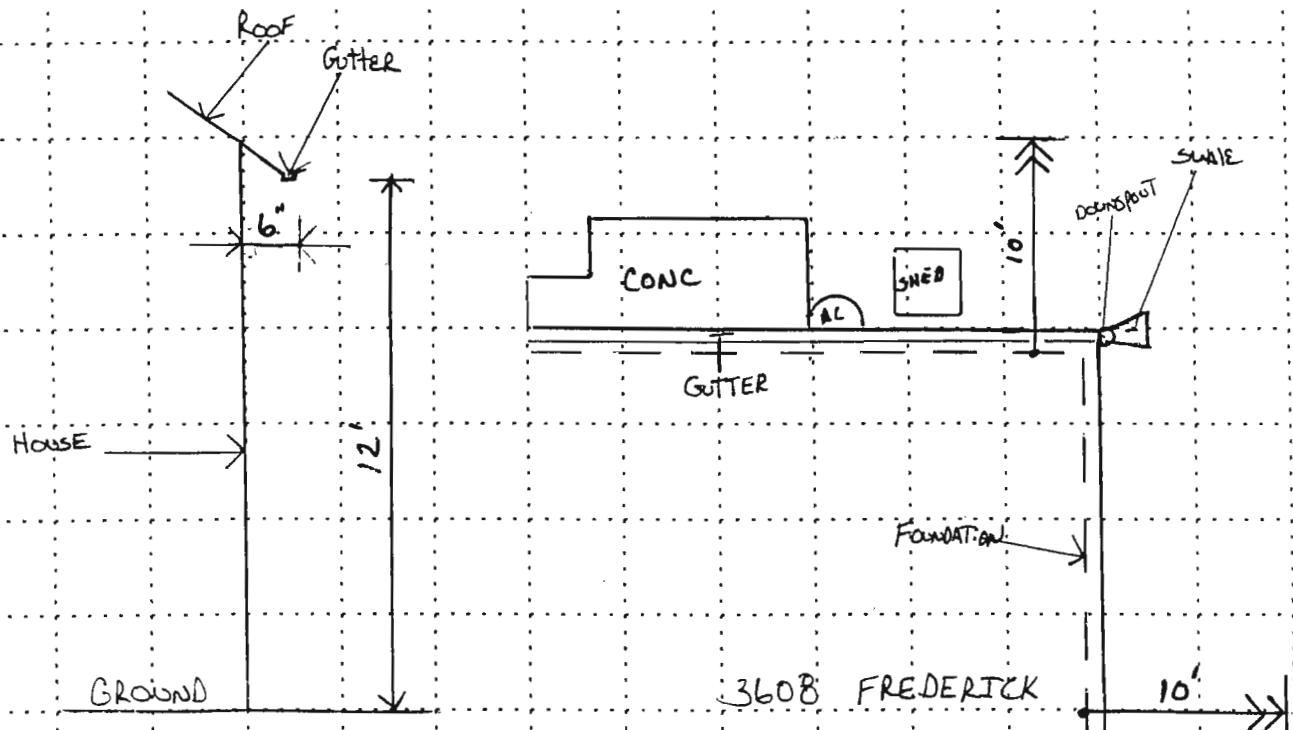
☐ Good☐ Poor☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



ELEVATION

A. POSITIVE

B. 6' - 12' - 1 story

C. YES

D. VINYL SIDING

E. BARE GROUND

F. NORTH & EAST

G. TAKEN

FREDERICK ST



14410



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)**Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425**

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By:

(Please Print Name)

(Property Owner Signature)

(Date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident name: _____ ☐ Owner ☐ RenterResidence address: 3608 FREDERICK ST OMAHA NE 68105
(City) (State) (Zip)Property owned by: MYRNA A KLUGOwner's mailing address: 3608 FREDERICK ST, OMAHA, NE, 68105

Owner's telephone number - Home: (____) ____ - ____ Work: (____) ____ - ____

Age of home? ____ years. How long have you lived here? ____ years.

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: ____ List ages: _____

List ages of occupants under 6 years old who play in the yard for 5 hours or more per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent 04/23/2004

First: _____ Second: _____ Third: _____



Black & Veatch Special Projects Corp.



14410

Owner Name: MYRNA A KLUG

Address: 3608 FREDERICK ST

Phone: H: _____

W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

Samples Collected

Firm: ASLW BOB

Date: 6-23-04

Time: 3:30

Samples Analyzed

XRF Unit: 811 Book: 69

Date: 7-14-04

Time: AM

Staff: CAP

Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-14410 F1	60 ppm	☒	☐
RYBSCPXA-14410 F2	62 ppm	☒	☐
RYCSCPXA-14410 B1	55 ppm	☐	☐
RYDSCPXA-14410 B2	34 ppm	☒	☐
RDZSCPXA-14410 DZ	52 ppm	☒	☐
RGZSCPXA-14410 GZ	_____ ppm	☐	☐
RPZSCPXA-14410 PZ	_____ ppm	☐	☐

Number of Samples = 5

ENTERED

JUN 29 2004

B1 55

B2 34

Conc

Shed

DZ = 52

3608 Fredrick St

Conc.

DZ

F1

60

F2

62

walk

Fredrick ST



14410



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

5-15-04

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☒ Yes ☐ No

Resident Address: 3608 FREDERICK ST

OMAHA NE 68105
(CITY) (STATE) (ZIP)

Owner Name: MYRNA A KLUG

Owner address: 3608 FREDERICK ST, OMAHA, NE 68105

Owner's telephone number - Home: _____ Work: _____

Age of home: 51 years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - vinyl siding - 95%, 5%
painted, window/trim.

Description of conditions which could contribute to paint deterioration: None

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



14410

LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/16/05 Time: 8:35
 Staff: MES - A.H. / K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 14410	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BROWN</u>	<u>2</u> ft ²
H - <u>S</u> - P - 02 - 14410	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BROWN</u>	<u>2</u> ft ²
H - <u>W</u> - P - 03 - 14410	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BROWN</u>	<u>2</u> ft ²
H - <u>N</u> - P - 04 - 14410	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BROWN</u>	<u>2</u> ft ²
H - <u>E</u> - P - 05 - 14410	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BROWN</u>	<u>1</u> ft ²
H - <u> </u> - P - 06 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14410	_____ mg/cm ²	_____	_____	_____	_____ ft ²



14410

Owner Name: MYRNA A KLUG

Address: 3608 FREDERICK ST

Phone: H: W:

Omaha Lead Site
Site Sketch
LBP Assessment

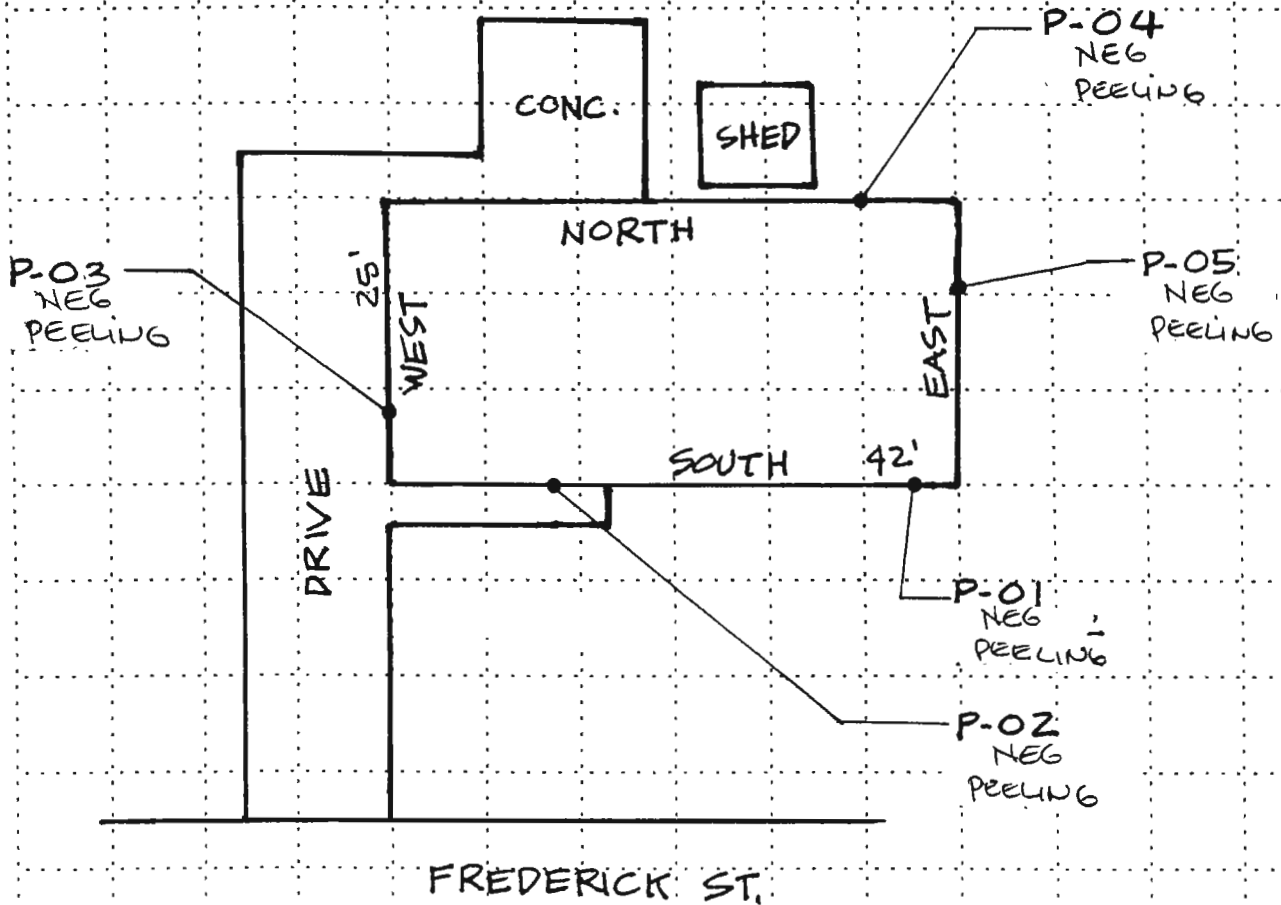
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





14410

Owner Name: MYRNA A KLUG

Address: 3608 FREDERICK ST

Phone: H: W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 15 ft²
South = 15 ft²
East = 4 ft²
West = 4 ft²
Total Surface Painted Area = 38 ft²

Omaha Lead Site Drip Zone Study

BVID: 14414

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-4-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- -	_____	_____	☐	DZ 01- <u>S-14414</u>	_____	<u>343</u>	☐
DZ 02- -	_____	_____	☐	DZ 02- -	_____	<u>314</u>	☐
DZ 03- -	_____	_____	☐	DZ 03- -	_____	<u>281</u>	☐
DZ 04- -	_____	_____	☐	DZ 04- -	_____	<u>248</u>	☐
DZ 05- -	_____	_____	☐	DZ 05- -	_____	<u>254</u>	☒
DZ 06- <u>E-14414</u>	_____	<u>1060</u>	☐	DZ 06- -	_____	<u>185</u>	☐
DZ 07- -	_____	<u>903</u>	☐	DZ 07- -	_____	<u>177</u>	☐
DZ 08- -	_____	<u>1131</u>	☐	DZ 08- -	_____	<u>177</u>	☐
DZ 09- -	_____	<u>1422</u>	☐	DZ 09- -	_____	<u>168</u>	☐
DZ 10- -	_____	<u>734</u>	☒	DZ 10- -	_____	<u>147</u>	☐
DZ 11- -	_____	<u>982</u>	☐	DZ 11- -	_____	<u>136</u>	☐
DZ 12- -	_____	<u>2390</u>	☐	DZ 12- -	_____	<u>135</u>	☐
DZ 13- -	_____	<u>710</u>	☐	DZ 13- -	_____	<u>116</u>	☐
DZ 14- -	_____	<u>617</u>	☐	DZ 14- -	_____	<u>104</u>	☐
DZ 15- -	_____	<u>591</u>	☐	DZ 15- -	_____	<u>118</u>	☐
DZ 16- -	_____	<u>320</u>	☐	DZ 16- -	_____	<u>114</u>	☐
DZ 17- -	_____	<u>310</u>	☐	DZ 17- -	_____	<u>123</u>	☐
DZ 18- -	_____	<u>221</u>	☐	DZ 18- -	_____	<u>74</u>	☐
DZ 19- -	_____	<u>322</u>	☐	DZ 19- -	_____	<u>43</u>	☐
DZ 20- -	_____	<u>175</u>	☐	DZ 20- -	_____	<u>21</u>	☐
DZ ~~20~~ <u>21</u> -	_____	<u>234</u>	☐	DZ ~~20~~ <u>21</u> -	_____	<u>80</u>	☐

# of Samples: <u>15</u> <u>1</u>	# of Samples: <u>20</u> <u>1</u>

Rev 0.9a2 Lab Result DZ10-EL-14414 1030 ppm	Lab Result DZ05-SL-14414 258 ppm 044701.01.23

BVID: 14414

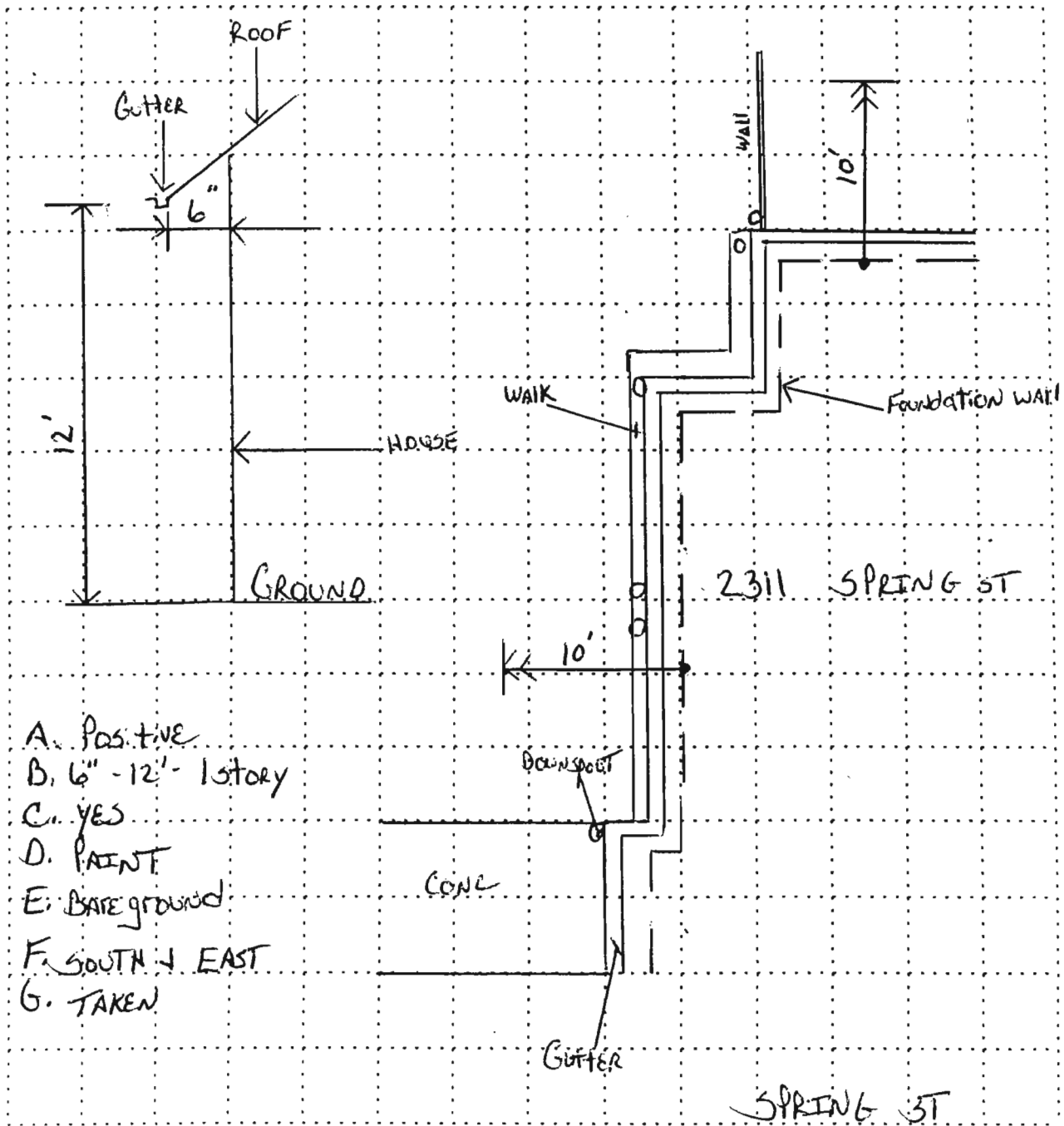
Owner Name: Roberto Estrada
Address: 2311 SPRING ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

☒ Good
☐ Poor
☐ Not paint

Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



11



14414



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Roberto Estrada
(Please Print Name)X Roberto Estrada
(property Owner Signature)X 12-09-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANT☐ owner ☒ renterResidence Address: 2311 SPRING STOMAHANE681083100531005

(CITY)

(STATE)

(ZIP)

Property owned by ROBERTO ESTRADAOwner's mailing address: 4527 S 23 ST, OMAHA, NE 68107Owner's telephone number - Home: 402-783-9458

Work: _____

Age of home? 80 yearsX How long have you lived here? 8 yearsX Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoX Has the interior been painted or covered since 1978? ☒ Yes ☐ NoX Total number of occupants: 8 X List Ages: 39-28-12-8-2-30-30-1List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: 12-08-2-1

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11/3/05 11/4/05 Second: 11/7/05 11.27 Third: _____CNP

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

FB 127088

MES



14414



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

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Property Access Granted By _____

(Please Print Name)

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANT☐ owner ☒ renterResidence Address: 2311 SPRING STOMAHANE68108

(CITY)

(STATE)

(ZIP)

Property owned by ROBERTO ESTRADAOwner's mailing address: 4527 S 23 ST, OMAHA, NE 68107Owner's telephone number - Home: 402-783-9458 ? 415-3820

Work: _____

Age of home? 80 yearsHow long have you lived here? ~ yearsHas the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts: Letter sent:

First: 11/3/05 11:47 Second: 4/7/05 11:27 Third: 12/08/05 12:20 pm

CAP

CAP

S.S.

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

FB 127-88

MES



14414

Owner Name: ROBERTO ESTRADA

Address: 2311 SPRING ST

Phone: H: 402-783-9458 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-14414	F1	91 ppm	☒	☐
RYBSCPXA-14414	F2	72 ppm	☒	☐
RYCSCPXA-14414	B1	100 ppm	☒	☐
RYDSCPXA-14414	B2	137 ppm	☒	☐
RDZSCPXA-14414	DZ	298 ppm	☒	☐
~~RGZSCPXA-14414~~	~~GZ~~	~~- ppm~~	☐	☐
~~RPZSCPXA-14414~~	~~PZ~~	~~- ppm~~	☐	☐

Number of Samples = 5 0

Samples Collected

Firm: MES-A.H./K.M.

Date: 12/27/05

Time: 3:30

Samples Analyzed

XRF Unit: 1037 Book: 143

Date: 1-4-06

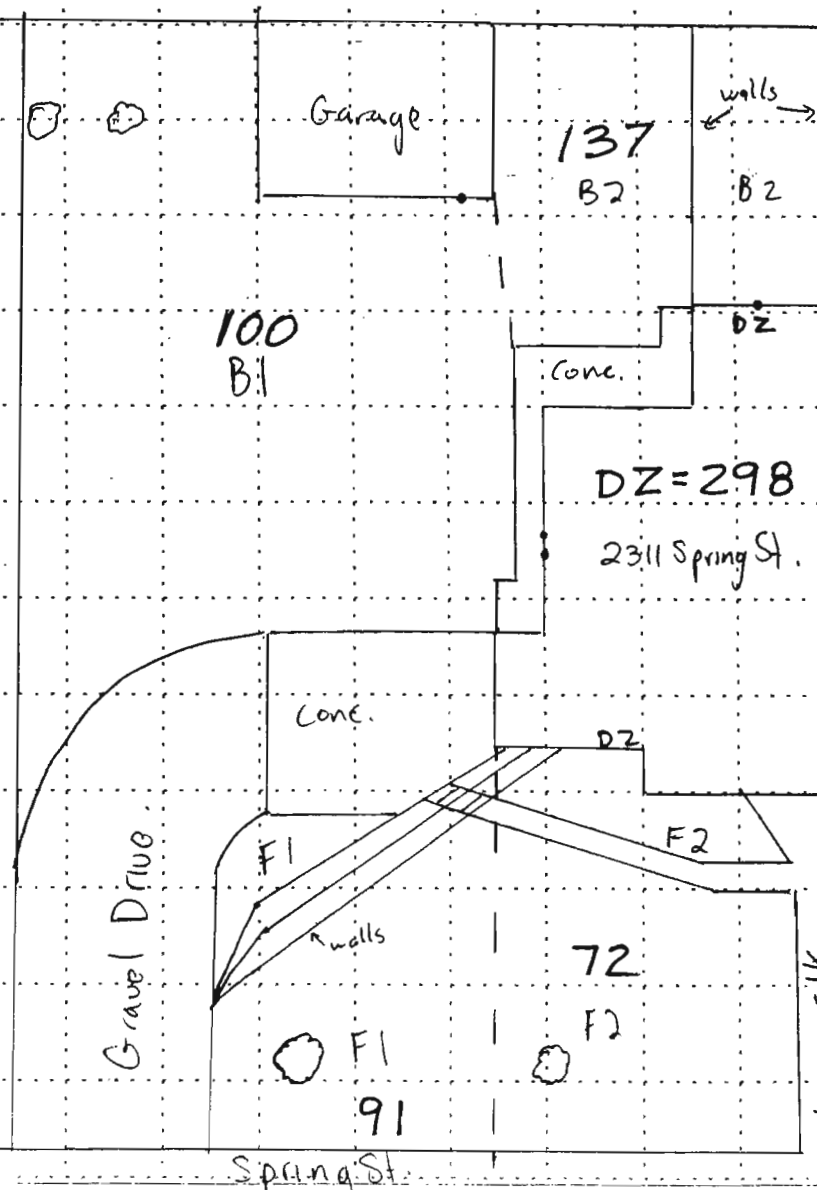
Time: PM

Staff: LA

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





14414



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

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Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-9-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 2311 SPRING ST

OMAHA NE 68108
(CITY) (STATE) (ZIP)

Owner Name: ROBERTO ESTRADA

Owner address: 4527 S 23 ST, OMAHA, NE 68107

Owner's telephone number - Home: 402-783-9458 Work: _____

Age of home: 81 years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - wood siding - 100% painted.
Garage - wood siding - 100% painted.

Description of conditions which could contribute to paint deterioration: None.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



14414

LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/27/05 Time: 3:55
 Staff: MES-A.H./K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H-E-P-01-14414	NEG mg/cm ²	SIDING	WOOD	YELLOW	1 ft ²
H-E-P-02-14414	NEG mg/cm ²	FOUNDATION	WOOD	WHITE	1 ft ²
H-S-P-03-14414	NEG mg/cm ²	SIDING	WOOD	YELLOW	1 ft ²
H-_-P-04-14414	mg/cm ²				ft ²
H-_-P-05-14414	mg/cm ²				ft ²
H-_-P-06-14414	mg/cm ²				ft ²
H-_-P-07-14414	mg/cm ²				ft ²
H-_-P-08-14414	mg/cm ²				ft ²
H-_-P-09-14414	mg/cm ²				ft ²
H-_-P-10-14414	mg/cm ²				ft ²
H-_-P-11-14414	mg/cm ²				ft ²
H-_-P-12-14414	mg/cm ²				ft ²
G-N-P-1-14414	NEG mg/cm ²	SIDING	WOOD	GREY	1 ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²
-_-P-_-14414	mg/cm ²				ft ²



Owner Name: ROBERTO ESTRADA
Address: 2311 SPRING ST
Phone: H: 402-783-9458 W:

Omaha Lead Site
Site Sketch
LBP Assessment

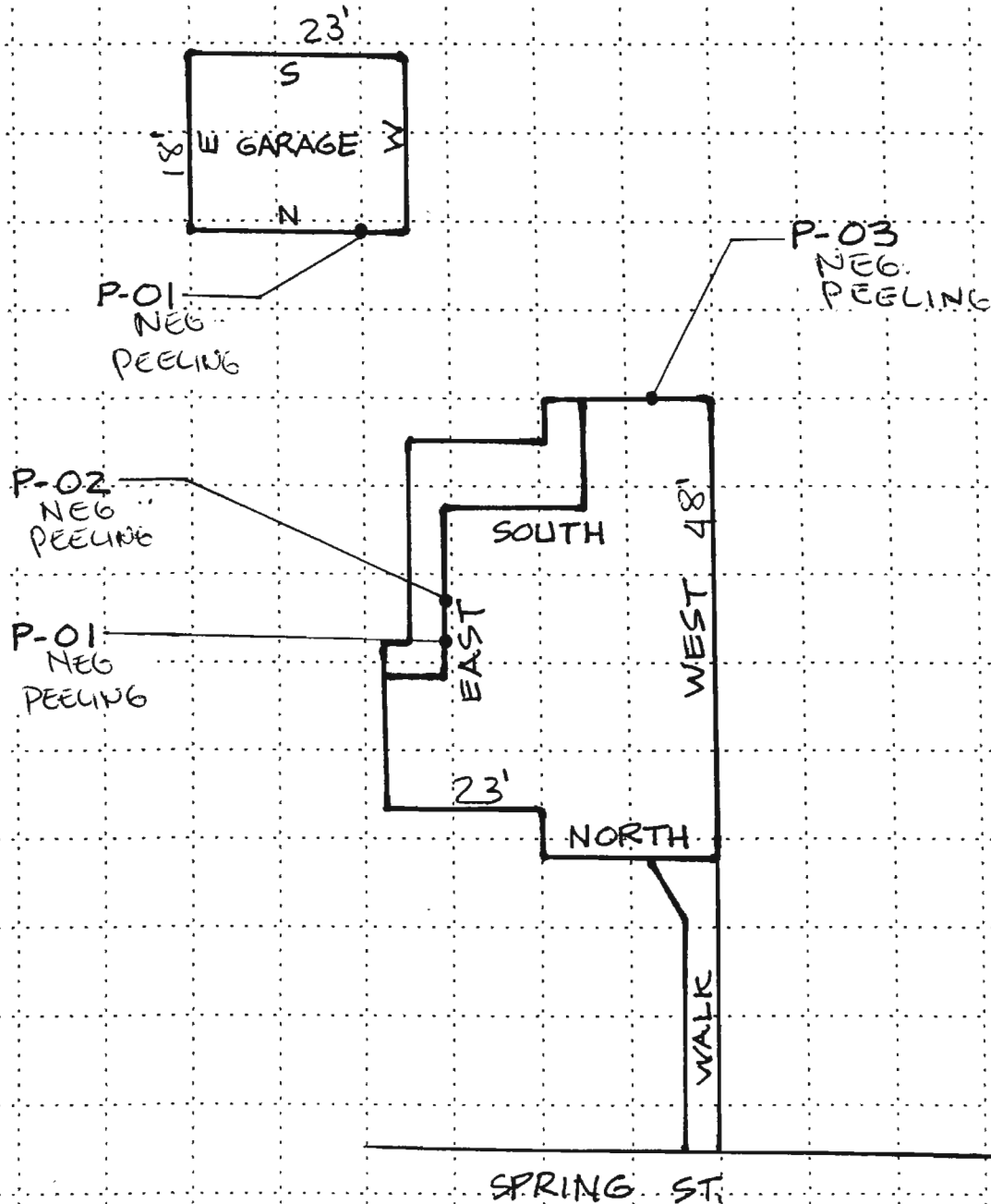
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





14414

Owner Name: ROBERTO ESTRADA

Address: 2311 SPRING ST

Phone: H: 402-783-9458 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

HOUSE
Surface Painted Area North = 230 ft²
South = 180 ft²
East = 800 ft²
West = 480 ft²
Total Surface Painted Area = 1690 ft²

GARAGE
Surface Painted Area North = 180 ft²
South = 180 ft²
East = 80 ft²
West = 80 ft²
Total Surface Painted Area = 520 ft²

Omaha Lead Site Drip Zone Study

BVID: 14532

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-17-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01-W-14532		<u>249</u>	☐	~~DZ 01~~		<u>—</u>	☐				
DZ 02-W-14532		<u>196</u>	☐	~~DZ 02~~		<u>—</u>	☐				
DZ 03-W-14532		<u>90</u>	☐	~~DZ 03~~		<u>—</u>	☐				
DZ 04-W-14532		<u>235</u>	☐	~~DZ 04~~		<u>—</u>	☐				
DZ 05-W-14532		<u>204</u>	☐	~~DZ 05~~		<u>—</u>	☐				
DZ 06-W-14532		<u>282</u>	☐	~~DZ 06~~		<u>—</u>	☐				
DZ 07-W-14532		<u>270</u>	☐	DZ 07-N-14532		<u>319</u>	☐				
DZ 08-W-14532		<u>269</u>	☐	DZ 08-N-14532		<u>1478</u>	☐				
DZ 09-W-14532		<u>231</u>	☐	DZ 09-N-14532		<u>615</u>	☐				
DZ 10-W-14532		<u>213</u>	☐	DZ 10-N-14532		<u>561</u>	☐				
DZ 11-W-14532		<u>211</u>	☐	DZ 11-N-14532		<u>328</u>	☐				
DZ 12-W-14532		<u>241</u>	☐	DZ 12-N-14532		<u>315</u>	☐				
DZ 13-W-14532		<u>178</u>	☐	DZ 13-N-14532		<u>381</u>	☐				
DZ 14-W-14532		<u>175</u>	☐	DZ 14-N-14532		<u>299</u>	☐				
DZ 15-W-14532		<u>198</u>	☐	DZ 15-N-14532		<u>426</u>	☐				
DZ 16-W-14532		<u>282</u>	☐	DZ 16-N-14532		<u>349</u>	☐				
DZ 17-W-14532		<u>225</u>	☐	DZ 17-N-14532		<u>320</u>	☐				
DZ 18-W-14532		<u>201</u>	☐	DZ 18-N-14532		<u>284</u>	☐				
DZ 19-W-14532		<u>218</u>	☐	DZ 19-N-14532		<u>216</u>	☐				
DZ 20-W-14532		<u>213</u>	☐	DZ 20-N-14532		<u>233</u>	☐				
DZ 21-W-14532		<u>222</u>	☐	DZ 20-N-14532		<u>175</u>	☐				

# of Samples: 21	# of Samples: 15

BVID: 14532

Owner Name: LEO ZEMULA

Address: 3015 FREDERICK ST

Phone: H: W:

Omaha Lead Site Site Sketch

Exterior Paint

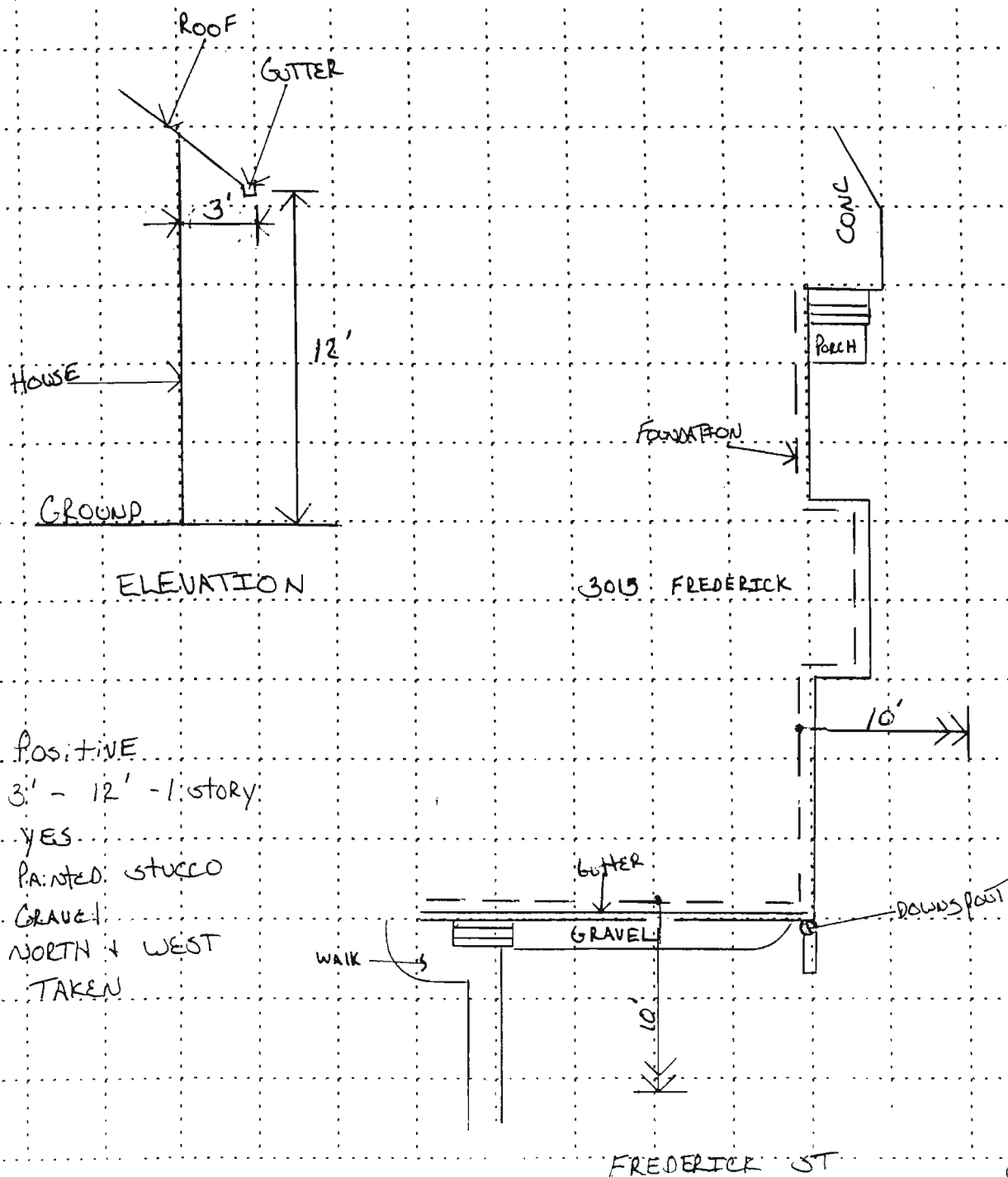
☒ Good☐ Poor☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



3052



14532



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

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Property Access Granted By

JIM ZEMULA

(Please Print Name)

(property Owner Signature)

8-2-04

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: LEO ZEMULA

☒ owner ☐ renter

Residence Address: 3015 FREDERICK ST

OMAHA

NE

68105

(city)

(STATE)

(ZIP)

Property owned by LEO S ZEMULA

Owner's mailing address: 3015 FREDERICK ST, OMAHA, NE 68105

Owner's telephone number - Home:

Work:

Age of home? 86 years

How long have you lived here? years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants:

List Ages:

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts: Letter sent:

First:

Second:

Third:





14532

Owner Name: LEO S ZEMULAAddress: 3015 FREDERICK ST

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-14532 F1	<u>419</u> ppm	☒	☐
RYBSCPXA-14532 F2	<u>244</u> ppm	☒	☐
RYCSCPXA-14532 B1	<u>601</u> ppm	☒	☐
RYDSCPXA-14532 B2	<u>207</u> ppm	☒	☐
RDZSCPXA-14532 DZ	<u>96</u> ppm	☒	☐
~~RGZSCPXA-14532 GZ~~	~~-~~ ppm	☐	☐
~~RPZSCPXA-14532 PZ~~	~~-~~ ppm	☐	☐

Number of Samples = 5 0

Samples Collected	
Firm: <u>MES-A.H./K.M</u>	
Date: <u>12/16/05</u>	
Time: <u>9:25</u>	

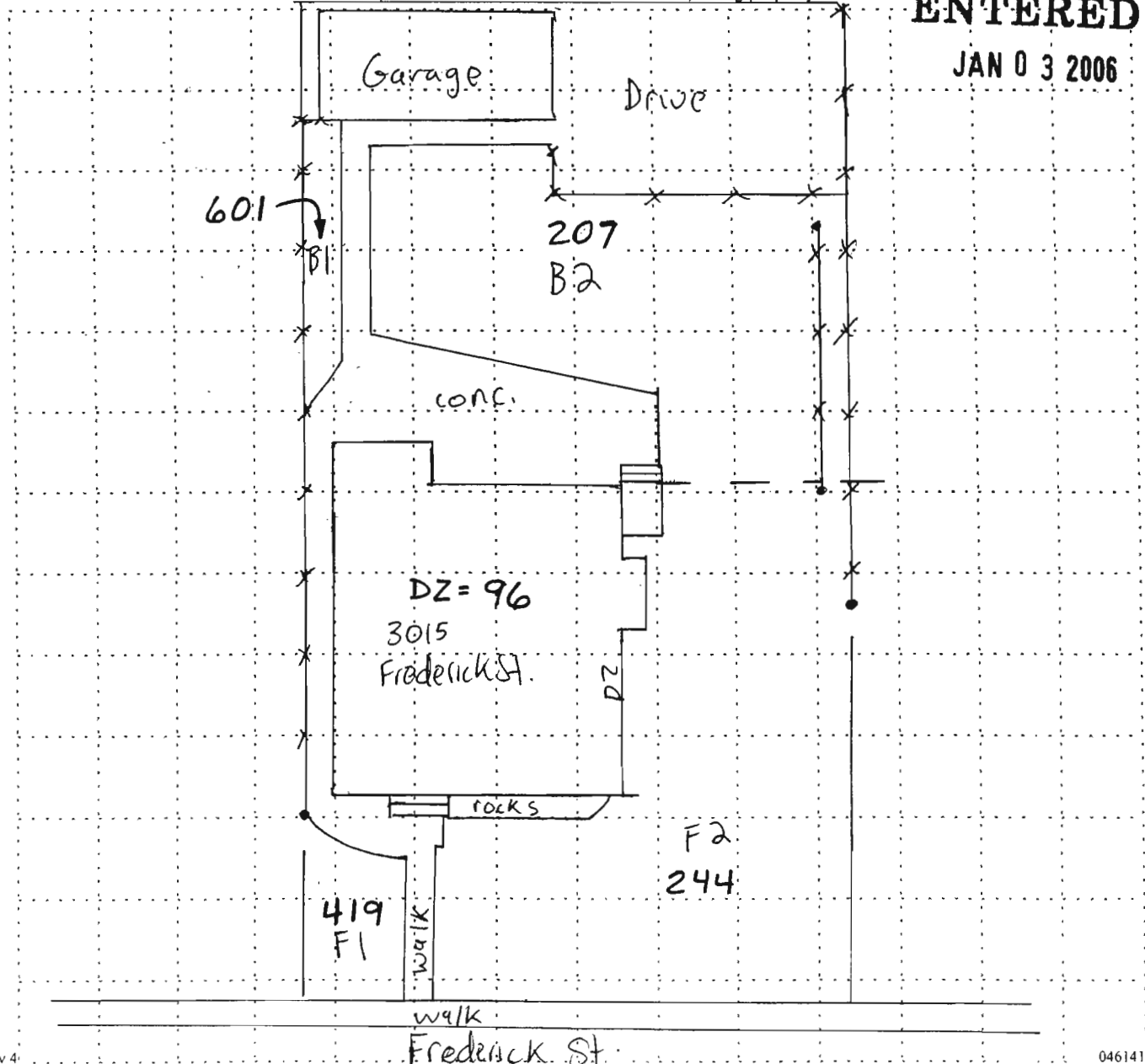
Samples Analyzed	
XRF Unit: <u>1037</u>	Book: <u>143</u>
Date: <u>1-17-06</u>	
Time: <u>PM</u>	
Staff: <u>LA</u>	

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





14532



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

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Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

B-2-04

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☒ Yes ☐ No

Resident Address: 3015 FREDERICK ST

OMAHA NE 68105
(city) (STATE) (ZIP)

Owner Name: LEO S ZEMULA

Owner address: 3015 FREDERICK ST, OMAHA, NE 68105

Owner's telephone number - Home: _____ Work: _____

Age of home: 88 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House - stucco siding - 100% painted.

Garage - cement block - 100% painted. Fence - 100% painted.

Description of conditions which could contribute to paint deterioration: NONE. On the front porch the steps and floor was included w/ the porch ledge for deteriorated area.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts:

First: _____ Second: _____ Third: _____



Black & Veatch Special Projects Corp.

Omaha Lead Site LBP Assessment



14532

LEGEND: H - N - P - 01 - 12345

— BVID Number
 — Sample Number
 — Material: P = Paint
 — Side of Structure: N = North S = South E = East W = West
 — Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/16/05 Time: 9:50
 Staff: MES - A.H./K.M

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 14532	<u>12</u> mg/cm ²	<u>PORCH/EDGE</u>	<u>CONC.</u>	<u>GREEN</u>	<u>10</u> ft ²
H - <u>N</u> - P - 02 - 14532	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>STUCCO</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>E</u> - P - 03 - 14532	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>E</u> - P - 04 - 14532	<u>9</u> mg/cm ²	<u>OVERHANGE</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>S</u> - P - 05 - 14532	<u>NEG</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>S</u> - P - 06 - 14532	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>S</u> - P - 07 - 14532	<u>NEG</u> mg/cm ²	<u>PORCH STEP</u>	<u>WOOD</u>	<u>RED</u>	<u>1</u> ft ²
H - <u>S</u> - P - 08 - 14532	<u>6</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 09 - 14532	<u>NEG.</u> mg/cm ²	<u>SIDING</u>	<u>STUCCO</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u> </u> - P - 10 - 14532	mg/cm ²				ft ²
H - <u> </u> - P - 11 - 14532	mg/cm ²				ft ²
H - <u> </u> - P - 12 - 14532	mg/cm ²				ft ²
<u>G</u> - <u>N</u> - P - <u>1</u> - 14532	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>CONC.</u>	<u>GREEN</u>	<u>1</u> ft ²
<u>G</u> - <u>E</u> - P - <u>2</u> - 14532	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
<u>G</u> - <u>W</u> - P - <u>3</u> - 14532	<u>3</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u>F</u> - <u>W</u> - P - <u>1</u> - 14532	<u>NEG</u> mg/cm ²	<u>FENCE</u>	<u>WOOD</u>	<u>RED</u>	<u>200</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 14532	mg/cm ²				ft ²



14532

Owner Name: LEO S ZEMULA

Address: 3015 FREDERICK ST

Phone: H: W:

Omaha Lead Site

Site Sketch

LBP Assessment

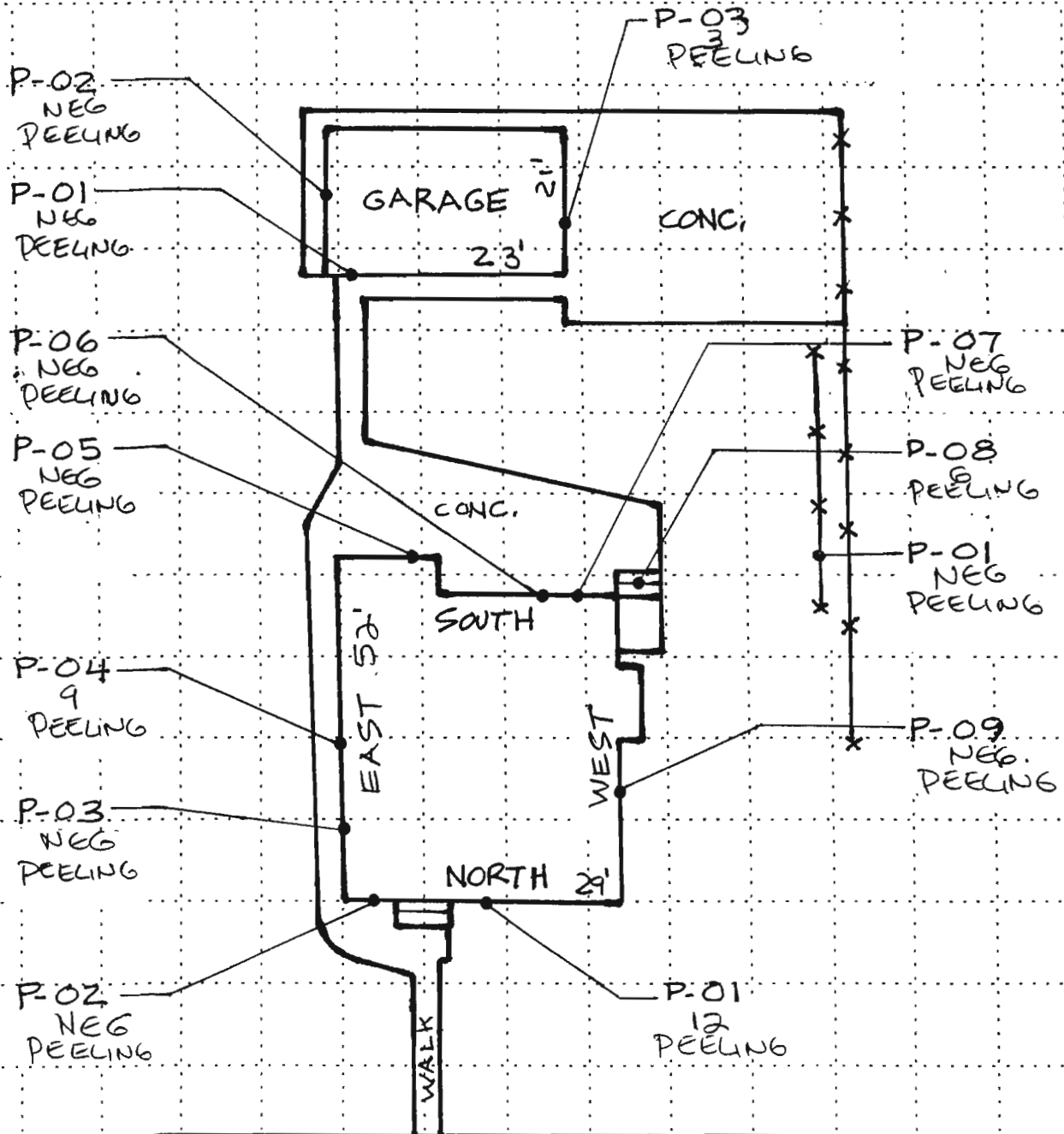
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





14532

Owner Name: LEO S ZEMULAAddress: 3015 FREDERICK ST

Phone: H: _____ W: _____

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 580 ft²
South = 580 ft²
HOUSE East = 1300 ft²
West = 1300 ft²
Total Surface Painted Area = 3760 ft²

Surface Painted Area North = 180 ft²
South = 180 ft²
PORCH East = 315 ft²
West = 315 ft²
Total Surface Painted Area = 990 ft²

Surface Painted Area North = _____ ft²
South = _____ ft²
FENCE East = 250 ft²
West = 250 ft²
Total Surface Painted Area = 500 ft²

Omaha Lead Site Drip Zone Study

BVID: 15951

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-13-06</u>		Time: <u>Am</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E - 15951</u>		<u>1851</u>	☐	DZ 01- <u>S - 15951</u>		<u>1817</u>	☐				
DZ 02- <u>E - 15951</u>		<u>1275</u>	☐	DZ 02- <u>S - 15951</u>		<u>1175</u>	☐				
DZ 03- <u>E - 15951</u>		<u>898</u>	☐	~~DZ 03~~		<u>-</u>	☐				
DZ 04- <u>E - 15951</u>		<u>900</u>	☐	~~DZ 04~~		<u>-</u>	☐				
DZ 05- <u>E - 15951</u>		<u>851</u>	☐	~~DZ 05~~		<u>-</u>	☐				
DZ 06- <u>E - 15951</u>		<u>710</u>	☐	~~DZ 06~~		<u>-</u>	☐				
DZ 07- <u>E - 15951</u>		<u>431</u>	☐	DZ 07- <u>S - 15951</u>		<u>823</u>	☐				
~~DZ 08~~		<u>-</u>	☐	DZ 08- <u>S - 15951</u>		<u>793</u>	☐				
~~DZ 09~~		<u>-</u>	☐	DZ 09- <u>S - 15951</u>		<u>743</u>	☐				
~~DZ 10~~		<u>-</u>	☐	DZ 10- <u>S - 15951</u>		<u>720</u>	☐				
~~DZ 11~~		<u>-</u>	☐	DZ 11- <u>S - 15951</u>		<u>864</u>	☐				
DZ 12- <u>E - 15951</u>		<u>294</u>	☐	DZ 12- <u>S - 15951</u>		<u>797</u>	☐				
DZ 13- <u>E - 15951</u>		<u>256</u>	☐	DZ 13- <u>S - 15951</u>		<u>783</u>	☐				
DZ 14- <u>E - 15951</u>		<u>386</u>	☐	DZ 14- <u>S - 15951</u>		<u>741</u>	☐				
DZ 15- <u>E - 15951</u>		<u>338</u>	☐	DZ 15- <u>S - 15951</u>		<u>693</u>	☐				
DZ 16- <u>E - 15951</u>		<u>305</u>	☐	DZ 16- <u>S - 15951</u>		<u>638</u>	☐				
DZ 17- <u>E - 15951</u>		<u>292</u>	☐	DZ 17- <u>S - 15951</u>		<u>581</u>	☐				
DZ 18- <u>E - 15951</u>		<u>304</u>	☐	DZ 18- <u>S - 15951</u>		<u>611</u>	☐				
DZ 19- <u>E - 15951</u>		<u>315</u>	☐	DZ 19- <u>S - 15951</u>		<u>472</u>	☐				
DZ 20- <u>E - 15951</u>		<u>336</u>	☐	DZ 20- <u>S - 15951</u>		<u>514</u>	☐				
DZ 21- <u>E - 15951</u>		<u>294</u>	☐	DZ 20- <u>S - 15951</u>		<u>399</u>	☐				

# of Samples: 17	# of Samples: 17

BVID: 15951

Owner Name: JUDY BLACKETER
Address: 2604 S 32 ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

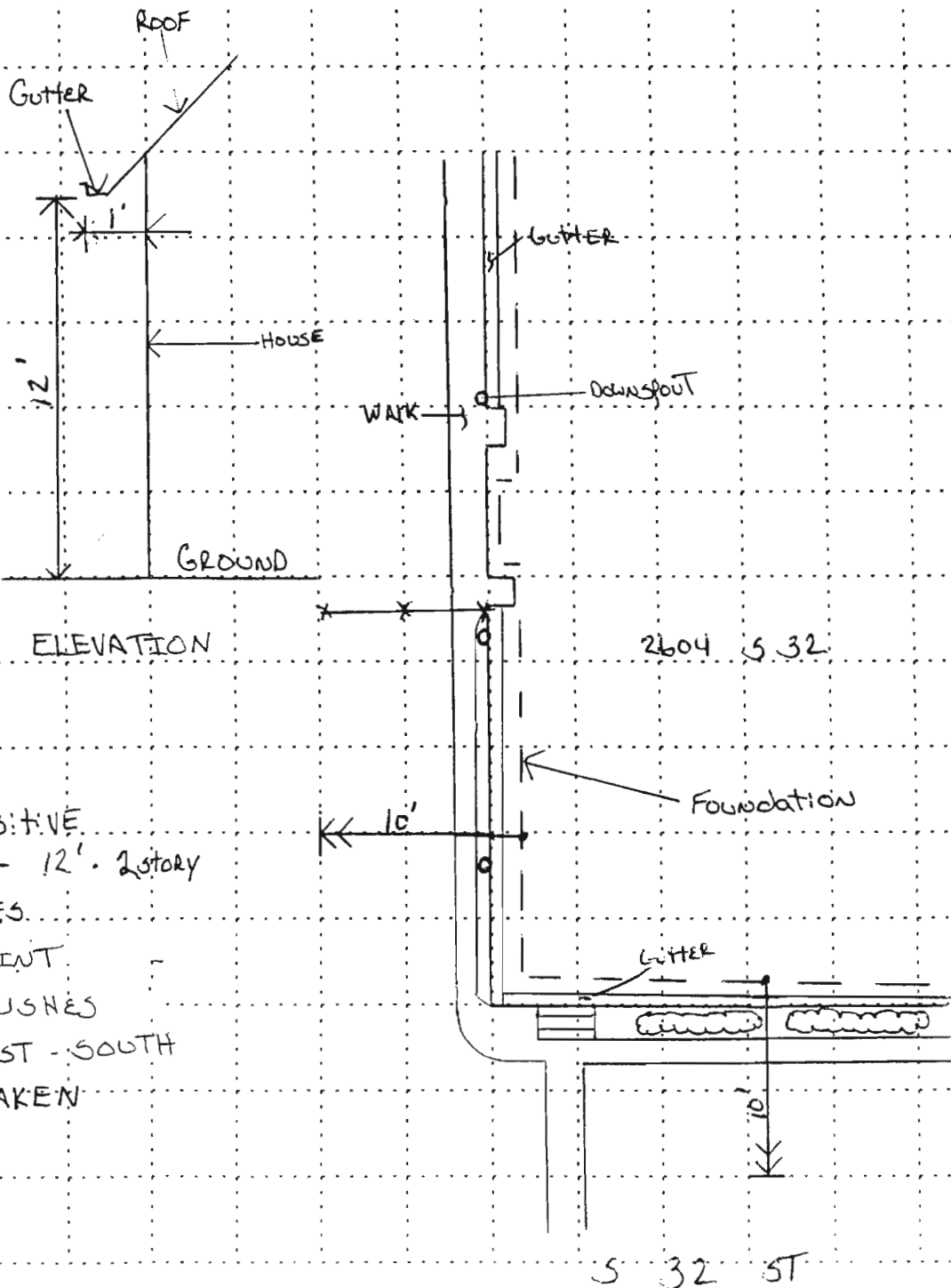
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



A. POSITIVE
B. 1' - 12'. LOTORY
C. YES
D. PAINT
E. BUSHES
F. EAST - SOUTH
G. TAKEN



15951



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)**Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425**

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By:

JUDY BLACKETER
(Please Print Name)Judy Blacketer
(Property Owner Signature)9-25-05
(Date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident name: _____ ☒ Owner ☐ RenterResidence address: 2604 S 32 ST OMAHA NE 68105
(City) (State) (Zip)Property owned by: JUDY K BLACKETEROwner's mailing address: JUDY BLACKETER 2604 S 32 ST, OMAHA, NE
C/O SHIRLEY REEVES 444 N EL CAMINO REAL #132, ENCINITAS, CA, 92024Owner's telephone number - Home: (402) 932-4254 Work: (402) 545-3963 x24Age of home? 112 years. How long have you lived here? 20 years.Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ NoTotal number of occupants: 3 List ages: 57, 16, 14List ages of occupants under 6 years old who play in the yard for 5 hours or more per week: GRANDDAUGHTER KYLEE 3 YRS.Comments: Plants & flowers, don't grow well, even though fertilized**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

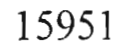
The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent 04/23/2004

First: _____ Second: _____ Third: _____



Black & Veatch Special Projects Corp.



Number of Samples = 50

All quadrants are as viewed from the street, facing property



JAN 03 2006



15951



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Krings al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Krings at the Office of External Programs, 1-800-223-0425.

Property Access Granted By _____

(Please Print Name)

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

9-25-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 2604 S 32 ST

OMAHA NE 68105
(city) (state) (zip)

Owner Name: JUDY K BLACKETER

Owner address: 2604 S 32 ST, OMAHA, NE 68105

Owner's telephone number - Home: 402-932-4254

Work: _____

Age of home: 113 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House - wood siding - 100% painted.

Garage - wood siding - 100% painted. Shed - wood siding - 100% painted.

Description of conditions which could contribute to paint deterioration: On the south side of home missing downspout extensions. On the south side of garage missing splash block.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/16/05 Time: 12:15
 Staff: MES-A.H. / K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H-E-P-01-15951	NEG mg/cm ²	WINDOW	WOOD	BROWN	3 ft ²
H-E-P-02-15951	NEG mg/cm ²	COLUMN	WOOD	WHITE	3 ft ²
H-E-P-03-15951	NEG mg/cm ²	WINDOW	WOOD	WHITE	3 ft ²
H-E-P-04-15951	NEG mg/cm ²	SIDING	WOOD	GRAY	1 ft ²
H-S-P-05-15951	NEG mg/cm ²	PORCH/COLUMN	WOOD	WHITE	2 ft ²
H-S-P-06-15951	NEG mg/cm ²	WINDOW	WOOD	WHITE	3 ft ²
H-W-P-07-15951	NEG mg/cm ²	SIDING	WOOD	GRAY	1 ft ²
H-N-P-08-15951	NEG mg/cm ²	SIDING	WOOD	WHITE	1 ft ²
H- - P-09-15951	mg/cm ²				ft ²
H- - P-10-15951	mg/cm ²				ft ²
H- - P-11-15951	mg/cm ²				ft ²
H- - P-12-15951	mg/cm ²				ft ²
G-E-P-1-15951	NEG mg/cm ²	COLUMN	WOOD	WHITE	1 ft ²
G-W-P-2-15951	NEG mg/cm ²	DOOR	WOOD	WHITE	2 ft ²
- - P- - 15951	mg/cm ²				ft ²
S-N-P-1-15951	NEG mg/cm ²	SIDING	WOOD	GRAY	2 ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²
- - P- - 15951	mg/cm ²				ft ²



15951

Owner Name: JUDY K BLACKETER

Address: 2604 S 32 ST

Phone: H: 402-932-4254 W:

Omaha Lead Site
Site Sketch
LBP Assessment

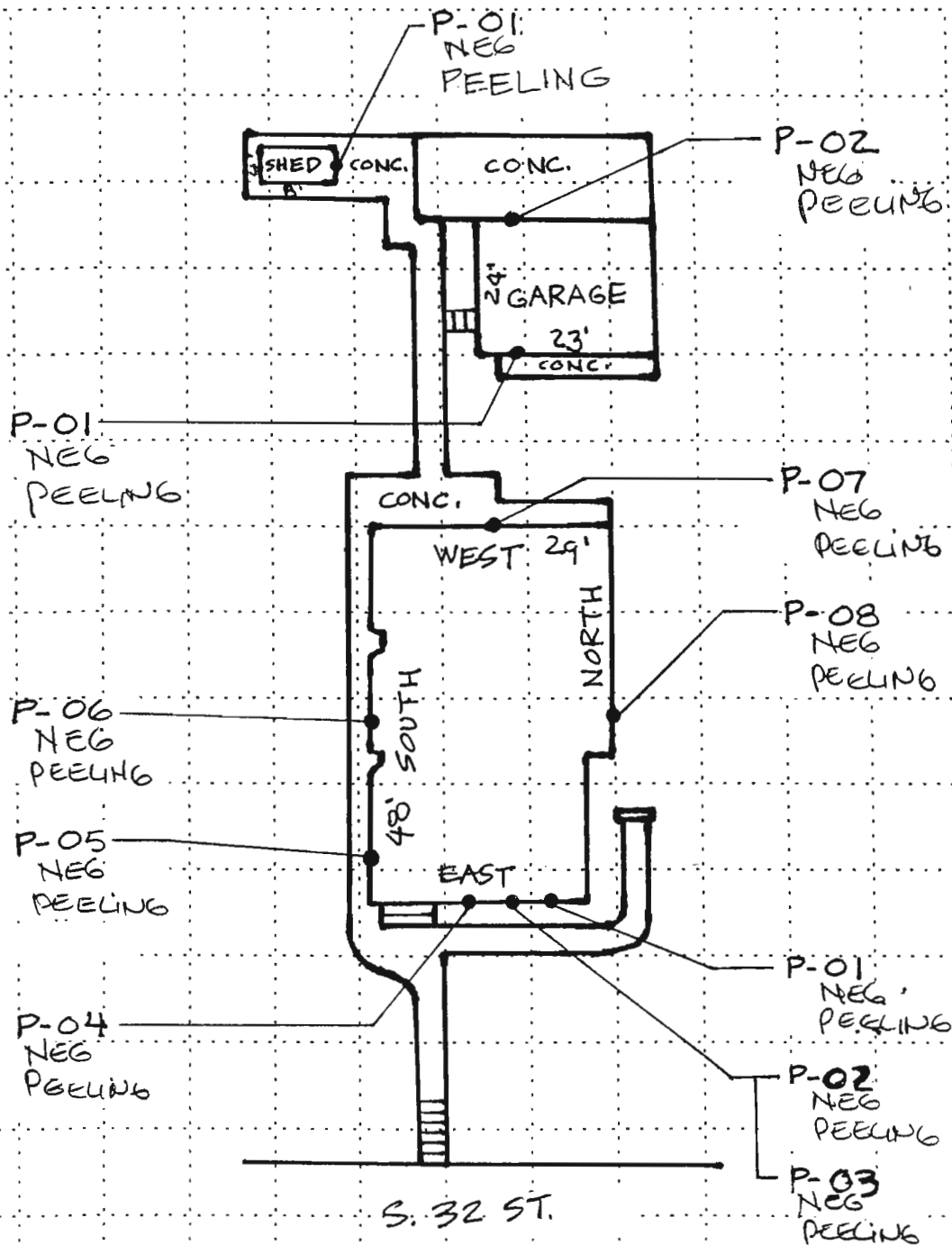
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





15951

Owner Name: JUDY K BLACKETER

Address: 2604 S 32 ST

Phone: H: 402-932-4254 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

HOUSE
Surface Painted Area North = 720 ft²
South = 720 ft²
East = 435 ft²
West = 435 ft²
Total Surface Painted Area = 2310 ft²

GARAGE
Surface Painted Area North = 240 ft²
South = 240 ft²
East = 230 ft²
West = 230 ft²
Total Surface Painted Area = 940 ft²

SHED
Surface Painted Area North = 30 ft²
South = 30 ft²
East = 30 ft²
West = 30 ft²
Total Surface Painted Area = 120 ft²

Omaha Lead Site Drip Zone Study

BVID: 16201

In Situ Samples Analyzed		Ex Situ Samples Analyzed		Lab Samples Analyzed	
XRF Unit: _____	Book: _____	XRF Unit: <u>1037</u>	Book: <u>143</u>	ASR: _____	Date: _____
Date: _____	Time: _____	Date: <u>1-17-06</u>	Time: <u>Am</u>	Samples: _____	
Staff: _____		Staff: <u>LA</u>			

In Situ Samples Analyzed				Ex Situ Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- <u>E-16201</u>		<u>446</u>	☐	DZ 01- <u>S-16201</u>		<u>130</u>	☐
DZ 02- <u>E-16201</u>		<u>237</u>	☐	DZ 02- <u>S-16201</u>		<u>297</u>	☐
DZ 03- <u>E-16201</u>		<u>303</u>	☐	DZ 03- <u>S-16201</u>		<u>411</u>	☐
DZ 04- <u>E-16201</u>		<u>251</u>	☐	DZ 04- <u>S-16201</u>		<u>383</u>	☐
DZ 05- <u>E-16201</u>		<u>755</u>	☐	DZ 05- <u>S-16201</u>		<u>553</u>	☐
~~DZ 06- _____~~		<u>-</u>	☐	DZ 06- <u>S-16201</u>		<u>545</u>	☐
~~DZ 07- _____~~		<u>-</u>	☐	DZ 07- <u>S-16201</u>		<u>1094</u>	☐
~~DZ 08- _____~~		<u>-</u>	☐	DZ 08- <u>S-16201</u>		<u>649</u>	☐
DZ 09- <u>E-16201</u>		<u>271</u>	☐	DZ 09- <u>S-16201</u>		<u>732</u>	☐
DZ 10- <u>E-16201</u>		<u>220</u>	☐	DZ 10- <u>S-16201</u>		<u>613</u>	☐
DZ 11- <u>E-16201</u>		<u>156</u>	☐	DZ 11- <u>S-16201</u>		<u>640</u>	☐
DZ 12- <u>E-16201</u>		<u>148</u>	☐	DZ 12- <u>S-16201</u>		<u>464</u>	☐
DZ 13- <u>E-16201</u>		<u>161</u>	☐	DZ 13- <u>S-16201</u>		<u>385</u>	☐
DZ 14- <u>E-16201</u>		<u>211</u>	☐	DZ 14- <u>S-16201</u>		<u>356</u>	☐
DZ 15- <u>E-16201</u>		<u>226</u>	☐	DZ 15- <u>S-16201</u>		<u>258</u>	☐
DZ 16- <u>E-16201</u>		<u>256</u>	☐	DZ 16- <u>S-16201</u>		<u>254</u>	☐
DZ 17- <u>E-16201</u>		<u>289</u>	☐	DZ 17- <u>S-16201</u>		<u>260</u>	☐
DZ 18- <u>E-16201</u>		<u>229</u>	☐	DZ 18- <u>S-16201</u>		<u>237</u>	☐
DZ 19- <u>E-16201</u>		<u>278</u>	☐	DZ 19- <u>S-16201</u>		<u>212</u>	☐
DZ 20- <u>E-16201</u>		<u>198</u>	☐	DZ 20- <u>S-16201</u>		<u>208</u>	☐
DZ 21- <u>E-16201</u>		<u>167</u>	☐	DZ 21- <u>S-16201</u>		<u>198</u>	☐

of Samples:

18

of Samples:

21

BVID: 16201

Owner Name: JOAN WATCHERAddress: 2104 BANCROFT ST

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

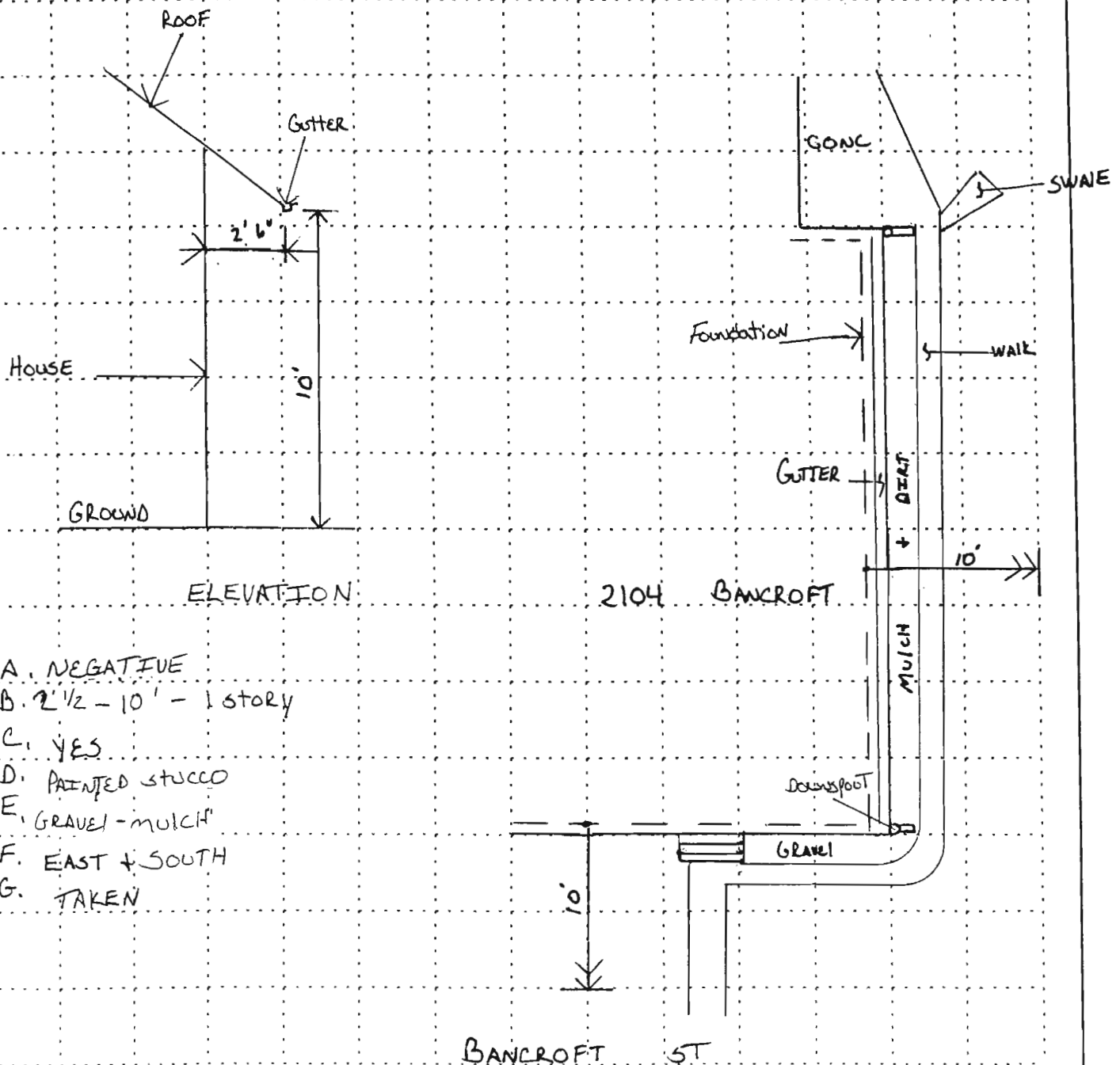
- ☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



A. NEGATIVE

B. 2 1/2 - 10' - 1 story

C. YES

D. PAINTED STUCCO

E. GRAVEL - MULCH

F. EAST + SOUTH

G. TAKEN

make LHM
21005



16201



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Tamera Parsons
(property Owner Signature)

X Tamera Parsons
(Please Print Name)

X 12-6-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANT

☐ owner ☒ renter

Residence Address: 2104 BANCROFT ST

OMAHA
(CITY)

NE
(STATE)

68108
(ZIP)

Property owned by JOANN C WACHTER EST

Owner's mailing address: C/O TAMERA PARSONS 3204 COTTONWOOD LN, OMAHA, NE 68134

Owner's telephone number - Home: 402-572-8730

Work: _____

Age of home? 86 years How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ No

Has the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____ List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

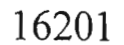
AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11-21-05 1:40 pm Second: 11-22-05 2:50 pm Third: 12-6-05 10:40 am
MT MT MT





A

Number of Samples = 4 0

Staff: LA

A hand-drawn site plan on a grid background. The plan shows several buildings and streets. At the top is a 'Garage' building. To its right is a building labeled '145 B2'. Below the garage is a large building labeled '2104 Bancroft St.' with 'DZ = 136' written inside. To the right of this building is a narrow alleyway labeled 'DZ' and 'rucks'. Below the main building is a building labeled '157 F1'. To the right of the alleyway is a building labeled 'F2 519'. A 'walk' is indicated at the bottom left. The plan also shows 'conc.' (concrete) areas and 'DZ' (Designated Zone) markings. The street 'Bancroft St.' is labeled at the bottom.



16201



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-6-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 2104 BANCROFT ST

OMAHA NE 68108
(CITY) (STATE) (ZIP)

Owner Name: JOANN C WACHTER EST

Owner address: C/O TAMERA PARSONS 3204 COTTONWOOD LN, OMAHA, NE 68134

Owner's telephone number - Home: 402-572-8730

Work: _____

Age of home: 87 years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House - stucco - 100% painted.

Garage - metal siding - 100% painted.

Description of conditions which could contribute to paint deterioration: On the west side of home missing downspout extensions and on east sides missing splash blocks.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____

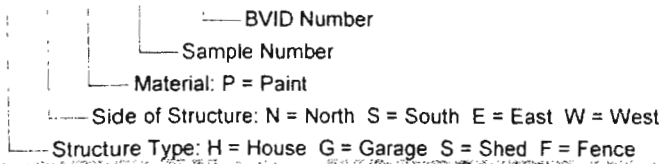


Omaha Lead Site LBP Assessment



16201

LEGEND: H - N - P - 01 - 12345



Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/15/05 Time:
 Staff: MES - A.H. / K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 16201	<u>6</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u>S</u> - P - 02 - 16201	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>STUCCO</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u>W</u> - P - 03 - 16201	<u>2</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u>E</u> - P - 04 - 16201	<u>20</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u>E</u> - P - 05 - 16201	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONCRETE</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u> </u> - P - 06 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 16201	_____ mg/cm ²	_____	_____	_____	_____ ft ²



16201

Owner Name: JOANN C WACHTER EST

Address: 2104 BANCROFT ST

Phone: H: 402-572-8730 W:

Omaha Lead Site
Site Sketch
LBP Assessment

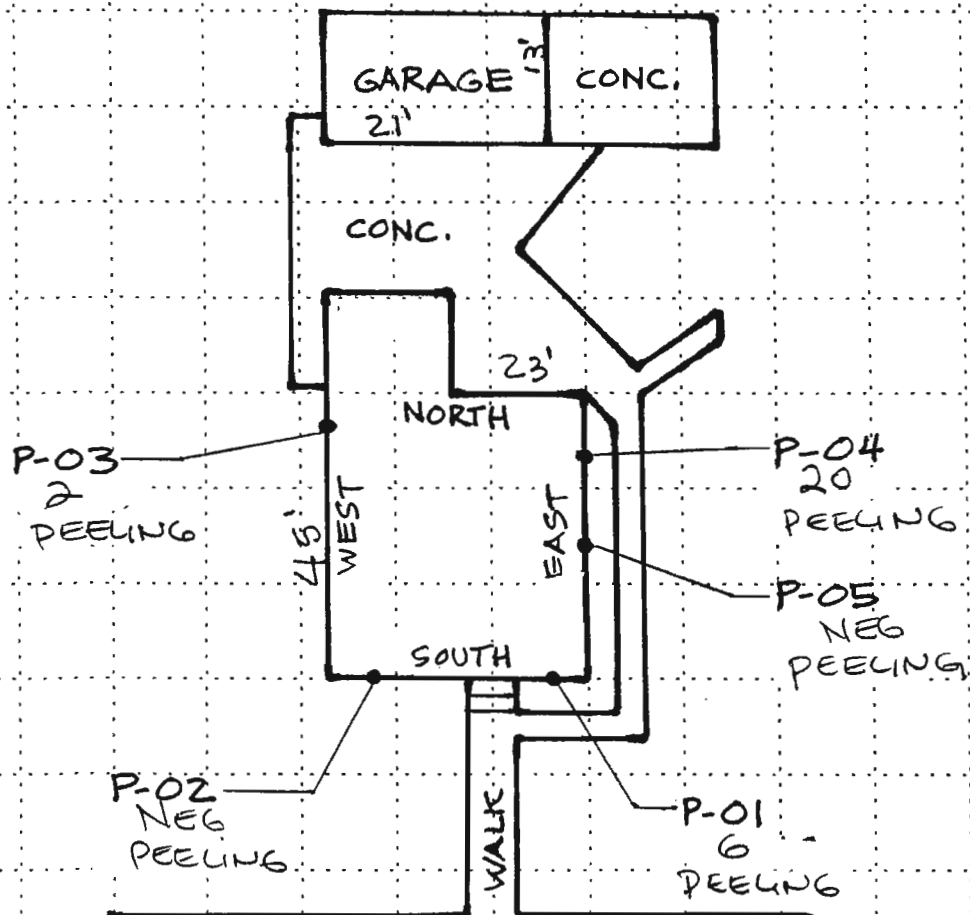
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





16201

Owner Name: JOANN C WACHTER EST

Address: 2104 BANCROFT ST

Phone: H: 402-572-8730 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

HOUSE
Surface Painted Area North = 280 ft²
South = 280 ft²
East = 675 ft²
West = 675 ft²
Total Surface Painted Area = 1910 ft²

GARAGE
Surface Painted Area North = 170 ft²
South = 170 ft²
East = 65 ft²
West = 130 ft²
Total Surface Painted Area = 535 ft²

Omaha Lead Site Drip Zone Study

BVID: 18203

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-9-06</u>		Time: <u>AM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E-18203</u>		<u>3648</u>	☐	DZ 01- <u>N-18203</u>		<u>2175</u>	☐				
DZ 02- <u>E-18203</u>		<u>2796</u>	☐	DZ 02- <u>N-18203</u>		<u>2221</u>	☐				
DZ 03- <u>E-18203</u>		<u>2943</u>	☐	DZ 03- <u>N-18203</u>		<u>1974</u>	☐				
DZ 04- <u>E-18203</u>		<u>2163</u>	☐	DZ 04- <u>N-18203</u>		<u>1657</u>	☐				
DZ 05- <u>E-18203</u>		<u>1955</u>	☒	DZ 05- <u>N-18203</u>		<u>1740</u>	☐				
DZ 06- <u>E-18203</u>		<u>1511</u>	☐	DZ 06- <u>N-18203</u>		<u>1883</u>	☐				
DZ 07- <u>E-18203</u>		<u>1586</u>	☐	DZ 07- <u>N-18203</u>		<u>1820</u>	☐				
DZ 08- <u>E-18203</u>		<u>1138</u>	☐	~~DZ 08~~		<u>-</u>	☐				
DZ 09- <u>E-18203</u>		<u>1272</u>	☐	DZ 09- <u>N-18203</u>		<u>741</u>	☐				
DZ 10- <u>E-18203</u>		<u>1288</u>	☐	DZ 10- <u>N-18203</u>		<u>772</u>	☐				
DZ 11- <u>E-18203</u>		<u>865</u>	☐	DZ 11- <u>N-18203</u>		<u>1190</u>	☐				
DZ 12- <u>E-18203</u>		<u>1433</u>	☐	DZ 12- <u>N-18203</u>		<u>828</u>	☐				
DZ 13- <u>E-18203</u>		<u>2015</u>	☐	DZ 13- <u>N-18203</u>		<u>853</u>	☐				
DZ 14- <u>E-18203</u>		<u>633</u>	☐	DZ 14- <u>N-18203</u>		<u>925</u>	☐				
DZ 15- <u>E-18203</u>		<u>735</u>	☐	DZ 15- <u>N-18203</u>		<u>748</u>	☒				
DZ 16- <u>E-18203</u>		<u>680</u>	☐	DZ 16- <u>N-18203</u>		<u>622</u>	☐				
DZ 17- <u>E-18203</u>		<u>690</u>	☐	DZ 17- <u>N-18203</u>		<u>722</u>	☐				
DZ 18- <u>E-18203</u>		<u>423</u>	☐	DZ 18- <u>N-18203</u>		<u>745</u>	☐				
DZ 19- <u>E-18203</u>		<u>317</u>	☐	DZ 19- <u>N-18203</u>		<u>802</u>	☐				
DZ 20- <u>E-18203</u>		<u>345</u>	☐	DZ 20- <u>N-18203</u>		<u>440</u>	☐				
DZ 21- <u>E-18203</u>		<u>453</u>	☐	DZ 21- <u>N-18203</u>		<u>458</u>	☐				

# of Samples: 20 1	# of Samples: 19 1

Lab Result <u>DZ05-EL-18203</u> 3320 ppm	Lab Result <u>DZ15-NL-18203</u> 915 ppm

Rev 0.9a2
044701.01.23

BVID: 18203

Owner Name: DAVID POWERS
 Address: 3323 FRANCES ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

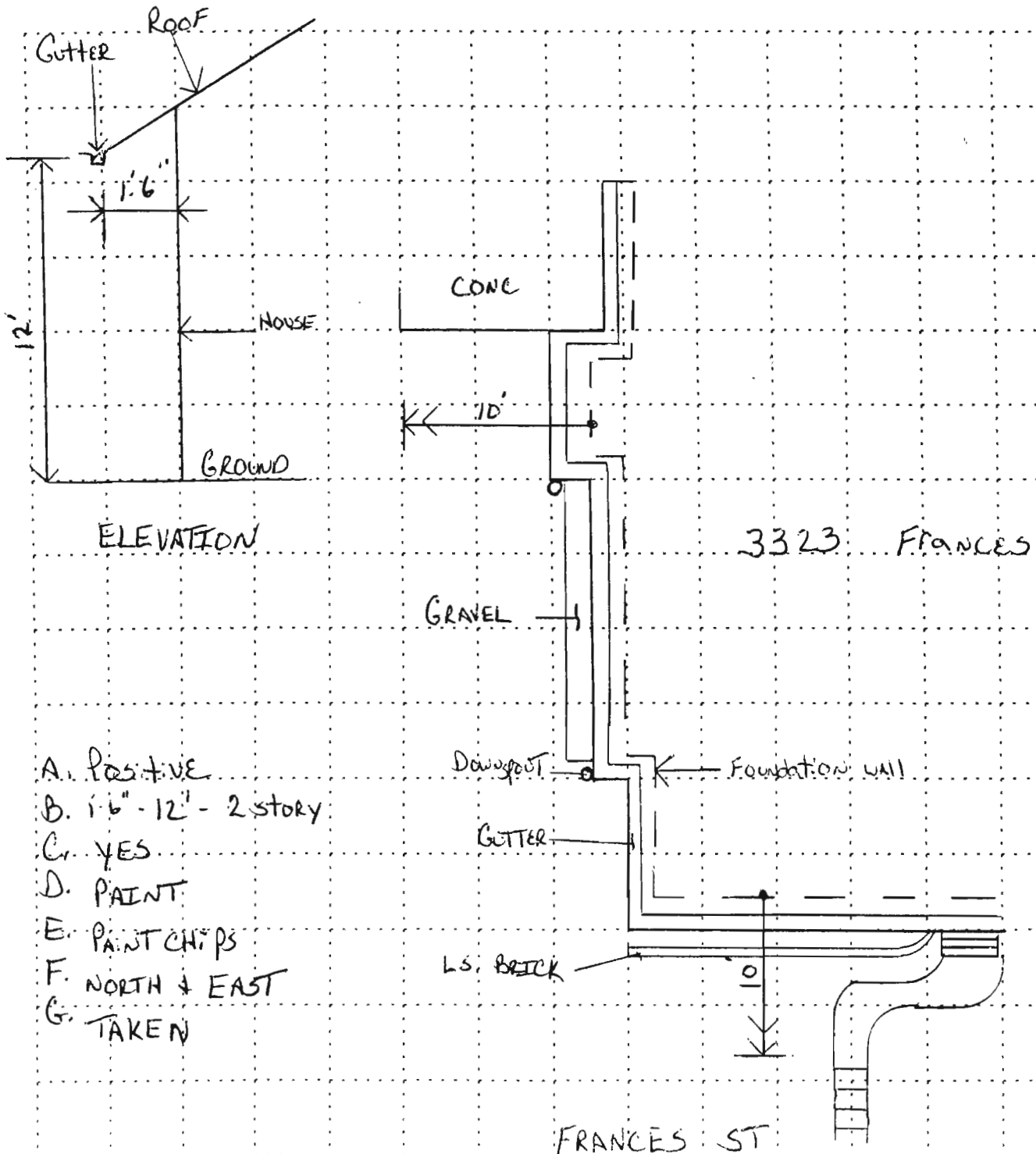
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 1.6" - 12' - 2 story
- YES
- PAINT
- PAINT CHIPS
- NORTH & EAST
- TAKEN



18203



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By:

David J. Powers
(Please Print Name)David J. Powers
(Property Owner Signature)4-20-05
(Date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident name: DAVID J. POWERS☒ Owner☐ RenterResidence address: 3323 FRANCES STOMAHA
(City)NE
(State)68105
(Zip)If rental, property owned by: POWERS DAVID JOwner's mailing address: 3323 FRANCES ST, OMAHA, NE, 68105Owner's telephone number - Home: (402) 346-6858 Work: (402) 393-1190Age of home? 100 years. How long have you lived here? 25 years.Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ NoTotal number of occupants: 5 List ages: 5 yrs 5 yrs 3 yrs 2 yrs 1 yrList ages of occupants under 6 years old who play in the yard for 5 hours or more per week: 2 yrs 1 yr

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts: 04/11/2005

First: _____ Second: _____ Third: _____



Black & Veatch Special Projects Corp.

18203



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

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Property Access Granted By _____

(Please Print Name)

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☒ renter

Residence Address: _____

(city)

(state)

(zip)

Property owned by _____

Owner's mailing address: _____

Owner's telephone number - Home: _____

Work: _____

Age of home? _____ years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts:

First: _____ Second: _____ Third: _____

18203

Owner Name: David PowersAddress: 3323 Frances St.Phone: H: 346-6858 W:Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☒ Poor☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-18203 F1	<u>212</u> ppm	☒	☐
RYBSCPXA-18203 F2	<u>209</u> ppm	☒	☐
RYCSCPXA-18203 B1	<u>192</u> ppm	☒	☐
RYDSCPXA-18203 B2	<u>193</u> ppm	☒	☐
RDZSCPXA-18203 DZ	<u>5474</u> ppm	☒	☐
RGZSCPXA-18203 GZ	<u>318</u> ppm	☒	☐
RPZSCPXA-18203 PZ	_____ ppm	☐	☐

Number of Samples = 6 0

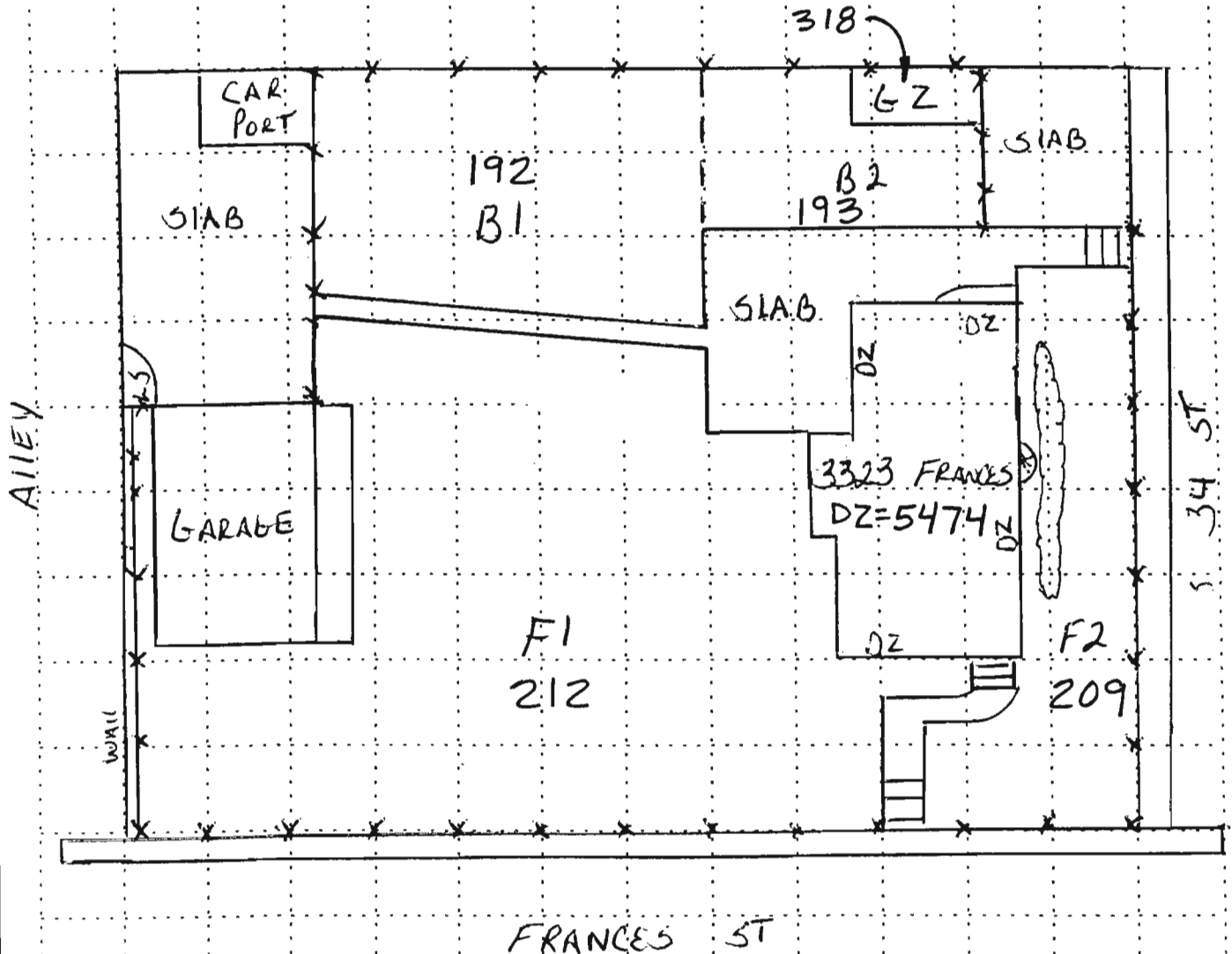
Samples Collected	
Firm: <u>P.E. M.T. + GR</u>	
Date: <u>08-18-05</u>	
Time: <u>10:45 Am</u>	

Samples Analyzed	
XRF Unit: <u>1037</u>	Book: <u>129</u>
Date: <u>8-18-05</u>	
Time: <u>PM</u>	
Staff: <u>LA</u>	

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

ENTERED

AUG 18 2005





18203



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE
(property Owner Signature)

(Please Print Name)

4-20-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☒ Yes ☐ No

Resident Address: 3323 FRANCES ST

OMAHA NE 68105
(CITY) (STATE) (ZIP)

Owner Name: DAVID J POWERS

Owner address: 3323 FRANCES ST, OMAHA, NE 68105

Owner's telephone number - Home: 402-346-6858

Work: 402-393-1190

Age of home: 106 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - wood siding - 100% painted.
Garage - wood siding - 100% painted.

Description of conditions which could contribute to paint deterioration: On the house the northeast + southwest corners are missing splash blocks. On the garage the northeast corner missing downspout extension.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



18203

LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/27/05 Time: 1:05
 Staff: MES-A.H./K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 18203	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>.1</u> ft ²
H - <u>N</u> - P - 02 - 18203	<u>NEG</u> mg/cm ²	<u>LATTICE</u>	<u>WOOD</u>	<u>GREY</u>	<u>1</u> ft ²
H - <u>N</u> - P - 03 - 18203	<u>NEG</u> mg/cm ²	<u>PORCH</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 04 - 18203	<u>9</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>GREY</u>	<u>1</u> ft ²
H - <u>E</u> - P - 05 - 18203	<u>1</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>GREY</u>	<u>5</u> ft ²
H - <u>E</u> - P - 06 - 18203	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>6</u> ft ²
H - <u>W</u> - P - 07 - 18203	<u>6</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>5</u> ft ²
H - <u> </u> - P - 08 - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>W</u> - P - <u>1</u> - 18203	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>TAN</u>	<u>2</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 18203	_____ mg/cm ²	_____	_____	_____	_____ ft ²



18203

Owner Name: DAVID J POWERS

Address: 3323 FRANCES ST

Phone: H: 402-346-6858 W: 402-393-1190

Omaha Lead Site
Site Sketch
LBP Assessment

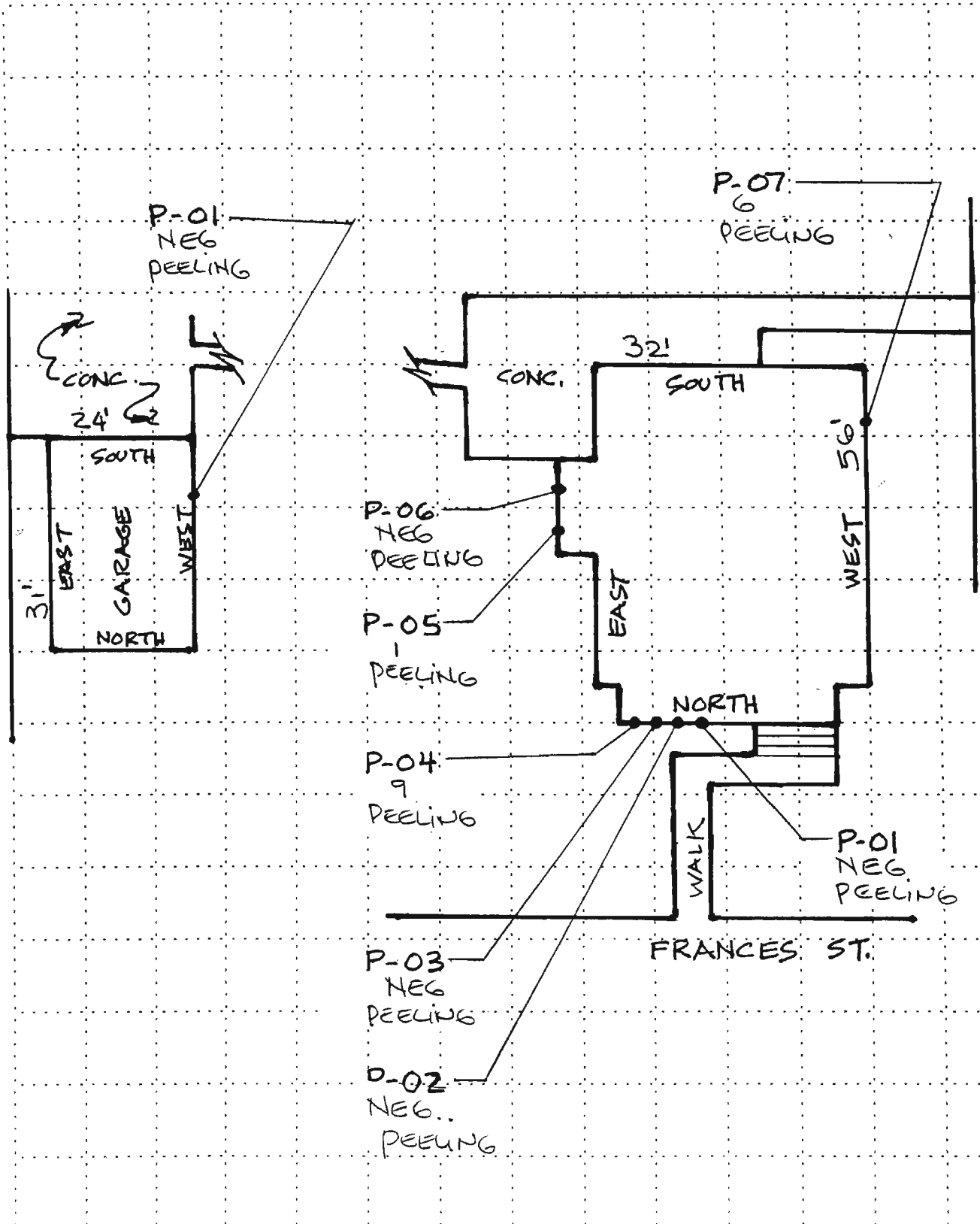
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligatoring, blistering and/or peeling)





18203

Owner Name: DAVID J POWERSAddress: 3323 FRANCES ST

Phone: H: 402-346-6858 W: 402-393-1190

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

HOUSE
Surface Painted Area North = 480 ft²
South = 480 ft²
East = 840 ft²
West = 840 ft²
Total Surface Painted Area = 2640 ft²

GARAGE
Surface Painted Area North = 240 ft²
South = 240 ft²
East = 250 ft²
West = 250 ft²
Total Surface Painted Area = 980 ft²

Omaha Lead Site Drip Zone Study

BVID: 25551

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-12-06</u>		Time: <u>AM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- ~~E~~	_____	_____	☐	DZ 01-N-25551	_____	<u>781</u>	☐				
DZ 02- ~~E~~	_____	_____	☐	DZ 02-N-25551	_____	<u>674</u>	☐				
DZ 03- ~~E~~	_____	_____	☐	DZ 03-N-25551	_____	<u>716</u>	☐				
DZ 04- ~~E~~	_____	_____	☐	DZ 04-N-25551	_____	<u>622</u>	☐				
DZ 05- ~~E~~	_____	_____	☐	DZ 05-N-25551	_____	<u>645</u>	☐				
DZ 06-E-25551	_____	<u>504</u>	☐	DZ 06-N-25551	_____	<u>854</u>	☐				
DZ 07-E-25551	_____	<u>544</u>	☐	DZ 07-N-25551	_____	<u>772</u>	☐				
DZ 08-E-25551	_____	<u>456</u>	☐	DZ 08-N-25551	_____	<u>778</u>	☐				
DZ 09-E-25551	_____	<u>556</u>	☐	DZ 09-N-25551	_____	<u>825</u>	☐				
DZ 10-E-25551	_____	<u>680</u>	☐	DZ 10-N-25551	_____	<u>708</u>	☐				
DZ 11-E-25551	_____	<u>599</u>	☐	DZ 11-N-25551	_____	<u>855</u>	☐				
DZ 12-E-25551	_____	<u>626</u>	☐	DZ 12-N-25551	_____	<u>789</u>	☐				
DZ 13-E-25551	_____	<u>755</u>	☐	DZ 13-N-25551	_____	<u>836</u>	☐				
DZ 14-E-25551	_____	<u>764</u>	☐	DZ 14-N-25551	_____	<u>677</u>	☐				
DZ 15-E-25551	_____	<u>1037</u>	☐	DZ 15-N-25551	_____	<u>806</u>	☐				
DZ 16-E-25551	_____	<u>1271</u>	☐	DZ 16-N-25551	_____	<u>862</u>	☐				
DZ 17-E-25551	_____	<u>1139</u>	☐	DZ 17-N-25551	_____	<u>908</u>	☐				
DZ 18-E-25551	_____	<u>923</u>	☐	DZ 18-N-25551	_____	<u>924</u>	☐				
DZ 19-E-25551	_____	<u>820</u>	☐	DZ 19-N-25551	_____	<u>904</u>	☐				
DZ 20-E-25551	_____	<u>1010</u>	☐	DZ 20-N-25551	_____	<u>809</u>	☐				
DZ 21-E-25551	_____	<u>1115</u>	☐	DZ 21-N-25551	_____	<u>550</u>	☐				

# of Samples: <u>16</u>	# of Samples: <u>21</u>

BVID: 25551

Owner Name: MORTGAGE ELECTRONIC

Address: 3861 CHARLES ST

Phone: H: W:

Omaha Lead Site
Site Sketch

Exterior Paint

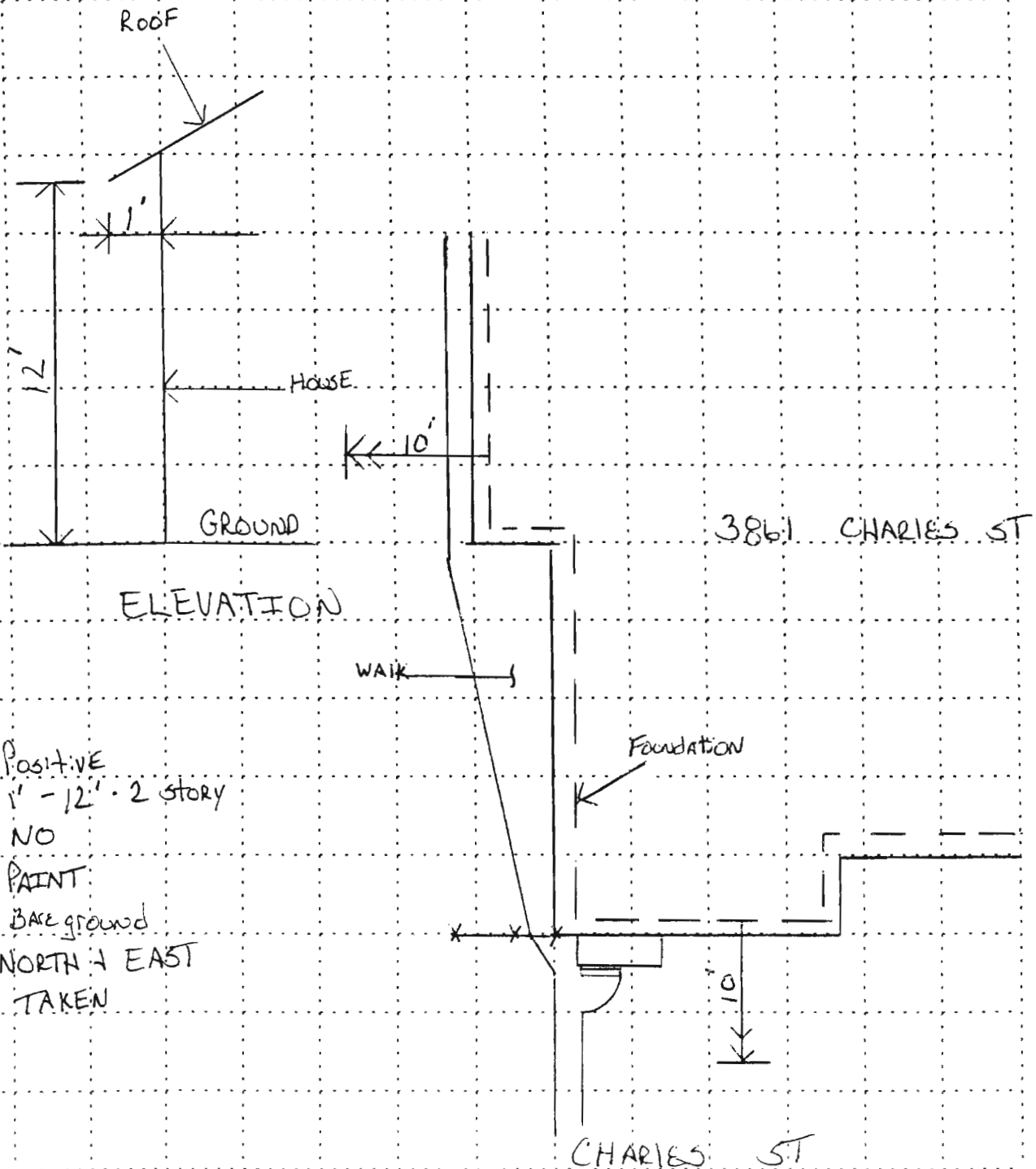
☒ Good☐ Poor☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 1' - 12' - 2 story
- NO
- PAINT
- BARE ground
- NORTH & EAST
- TAKEN



25551



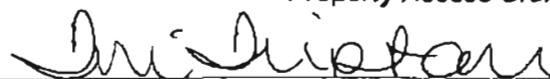
U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By


(property Owner Signature)Toni R. Jimenez Tristar
(Please Print Name)10-19-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:

SAME

☒ owner☐ renter

Residence Address: 3861 CHARLES ST

OMAHA

NE

68131

(CITY)

(STATE)

(ZIP)

Property owned by ~~MORTGAGE ELECTRONIC REGISTRAR~~ JOSE F TRISTANOwner's mailing address: ~~636 GRAND REGENCY BLVD, BRNADON, FL 33589~~ 3861 CHARLES ST
OMAHA NE 68131

Owner's telephone number - Home: 402-551-4059 Work:

Age of home? 114 years How long have you lived here? 1 years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: 7 List Ages: 28, 26, 4, 3, 1, 18, 34

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: 4, 3, 1

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 9-17-05

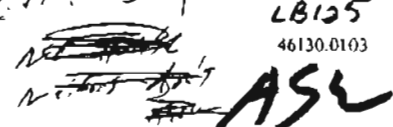
Second: 9-22-05

Third: 10-19-05

Omaha Lead Site



Black & Veatch Special Projects Corp.

LB105
46130.0103



25551

Owner Name: Jose Tristan
MORTGAGE ELECTRONIC R
Address: 3861 CHARLES ST
Phone: H: 551-4059 W: _____

Omaha Lead Site
Site Sketch

Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-25551 F1	<u>914</u> ppm	☒	☐
RYBSCPXA-25551 F2	<u>437</u> ppm	☒	☐
RYCSCPXA-25551 B1	<u>197</u> ppm	☒	☐
RYDSCPXA-25551 B2	<u>192</u> ppm	☒	☐
RDZSCPXA-25551 DZ	<u>372</u> ppm	☒	☐
RGZSCPXA-25551 GZ	<u>-</u> ppm	☐	☐
RPZSCPXA-25551 PZ	<u>-</u> ppm	☐	☐

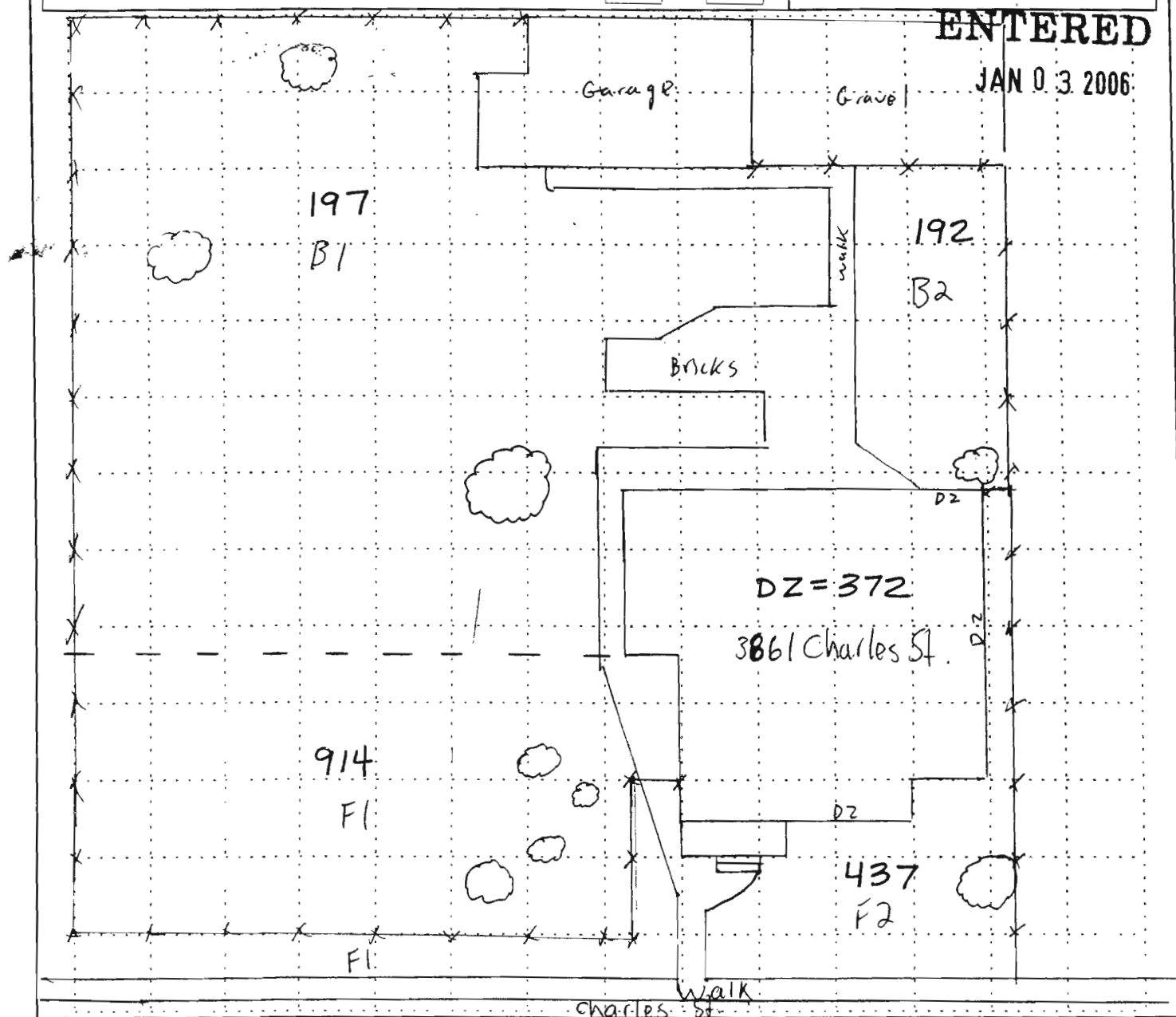
Number of Samples = 5 0

Samples Collected
Firm: MES - A.H./J.H.
Date: 12/21/05
Time: 8:50

Samples Analyzed
XRF Unit: 1037 Book: 143
Date: 1-12-06
Time: AM
Staff: LA

ENTERED

JAN 03 2006





25551



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

10-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: sameOwner Occupied? ☒ Yes ☐ NoResident Address: 3861 CHARLES STOMAHA NE 68131
(CITY) (STATE) (ZIP)Owner Name: JOSE F TRISTANOwner address: 3861 CHARLES ST, OMAHA, NE 68131Owner's telephone number - Home: 402-551-4059 Work: _____Age of home: 116 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted) House 90% slate siding & brick, 10% painted
including siding, window trim, soffits/fasciaDescription of conditions which could contribute to paint deterioration: none**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



25551

LEGEND: H - N - P - 01 - 12345

— BVID Number
 — Sample Number
 — Material: P = Paint
 — Side of Structure: N = North S = South E = East W = West
 — Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/21/05 Time: 9:25
 Staff: MES - AH. / J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 25551	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>SLATE</u>	<u>GREY</u>	<u>1</u> ft ²
H - <u>N</u> - P - 02 - 25551	<u>3</u> mg/cm ²	<u>WINDOW/SILL</u>	<u>METAL</u>	<u>BLACK</u>	<u>5</u> ft ²
H - <u>E</u> - P - 03 - 25551	<u>1</u> mg/cm ²	<u>WINDOW/SASH</u>	<u>WOOD</u>	<u>GRAY</u>	<u>3</u> ft ²
H - <u>E</u> - P - 04 - 25551	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>SLATE</u>	<u>GREY</u>	<u>1</u> ft ²
H - <u> </u> - P - 05 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 06 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>N</u> - P - <u>1</u> - 25551	<u>NEG</u> mg/cm ²	<u>DOOR/FRAMING</u>	<u>WOOD</u>	<u>BLUE</u>	<u>2</u> ft ²
<u>G</u> - <u>N</u> - P - <u>2</u> - 25551	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>STEEL</u>	<u>WHITE</u>	<u>2</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 25551	_____ mg/cm ²	_____	_____	_____	_____ ft ²



25551

Owner Name: JOSE F TRISTAN

Address: 3861 CHARLES ST

Phone: H: 402-551-4059 W:

Omaha Lead Site
Site Sketch
LBP Assessment

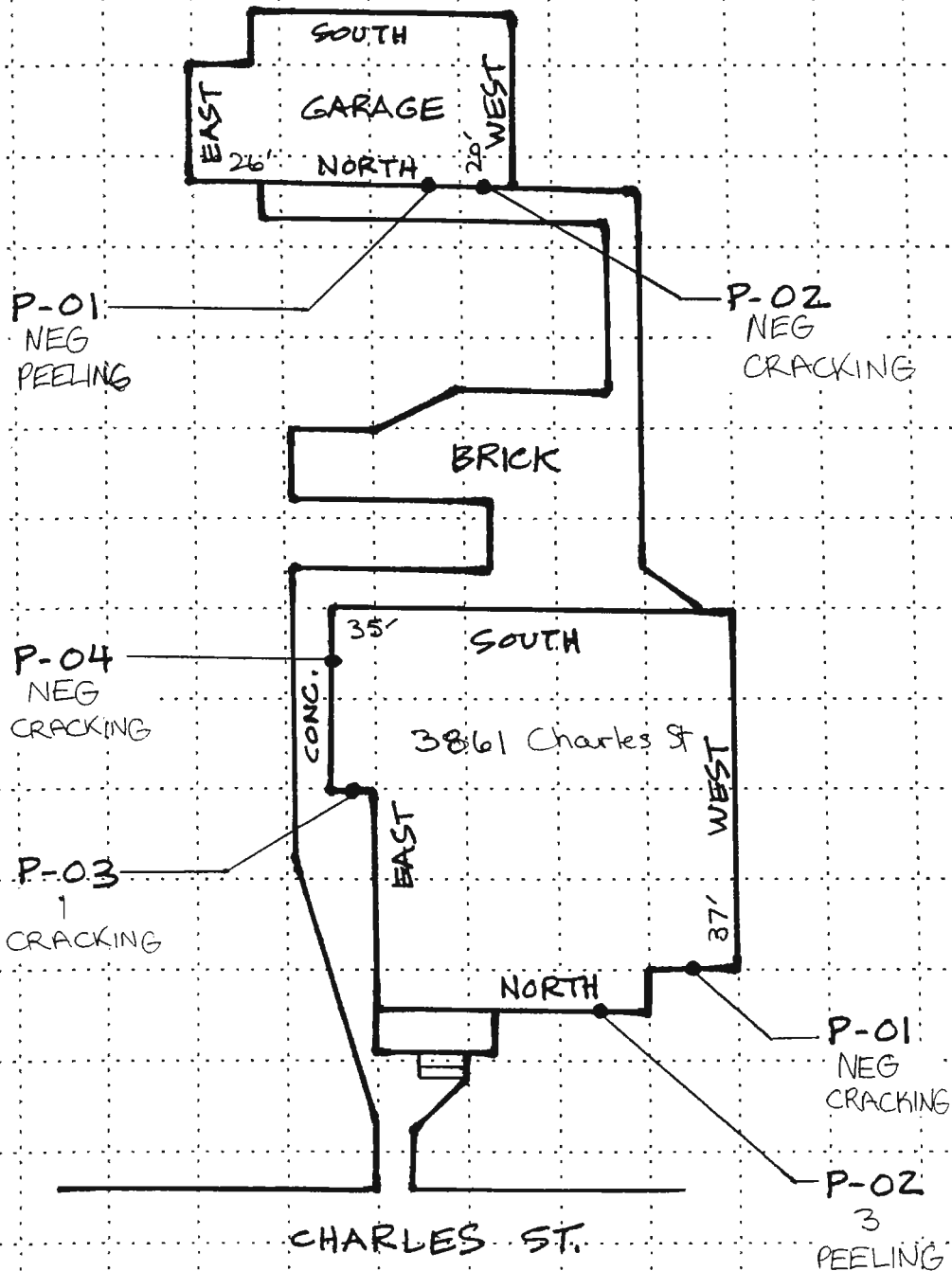
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





25551

Owner Name: JOSE F TRISTAN

Address: 3861 CHARLES ST

Phone: H: 402-551-4059 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 250 ft²
South = 40 ft²
HOUSE East = 100 ft²
West = 40 ft²
Total Surface Painted Area = 430 ft²

Surface Painted Area North = 165 ft²
South = 183 ft²
GARAGE East = 50 ft²
West = 100 ft²
Total Surface Painted Area = 498 ft²

Omaha Lead Site Drip Zone Study

BVID: 30262

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-11-06</u>		Time: <u>AM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01-W-30262		<u>909</u>	☐	DZ 01-S-30262		<u>665</u>	☐
DZ 02-W-30262		<u>790</u>	☐	DZ 02-S-30262		<u>1372</u>	☐
DZ 03-W-30262		<u>498</u>	☐	DZ 03-S-30262		<u>665</u>	☐
DZ 04-W-30262		<u>392</u>	☐	DZ 04-S-30262		<u>319</u>	☐
DZ 05-W-30262		<u>193</u>	☐	DZ 05-S-30262		<u>443</u>	☐
DZ 06-W-30262		<u>192</u>	☐	DZ 06-S-30262		<u>252</u>	☐
DZ 07-W-30262		<u>171</u>	☐	DZ 07-S-30262		<u>291</u>	☐
DZ 08-W-30262		<u>117</u>	☐	DZ 08-S-30262		<u>1819</u>	☐
DZ 09-W-30262		<u>124</u>	☒	DZ 09-S-30262		<u>214</u>	☐
DZ 10-W-30262		<u>96</u>	☐	DZ 10-S-30262		<u>139</u>	☒
DZ 11-W-30262		<u>84</u>	☐	DZ 11-S-30262		<u>134</u>	☐
DZ 12-W-30262		<u>75</u>	☐	DZ 12-S-30262		<u>126</u>	☐
DZ 13-W-30262		<u>64</u>	☐	DZ 13-S-30262		<u>131</u>	☐
DZ 14-W-30262		<u>71</u>	☐	DZ 14-S-30262		<u>97</u>	☐
DZ 15-W-30262		<u>80</u>	☐	DZ 15-S-30262		<u>74</u>	☐
DZ 16-W-30262		<u>70</u>	☐	DZ 16-S-30262		<u>96</u>	☐
DZ 17-W-30262		<u>74</u>	☐	DZ 17-S-30262		<u>84</u>	☐
DZ 18-W-30262		<u>88</u>	☐	DZ 18-S-30262		<u>75</u>	☐
DZ 19-W-30262		<u>63</u>	☐	DZ 19-S-30262		<u>88</u>	☐
DZ 20-W-30262		<u>66</u>	☐	DZ 20-S-30262		<u>139</u>	☐
DZ 21-W-30262		<u>55</u>	☐	DZ 20-S-30262		<u>90</u>	☐

# of Samples: 20 1	# of Samples: 20 1
Lab Result DZ09-WL-30262 156 ppm	Lab Result DZ10-SL-30262 312 ppm

Rev 0.9a2

044701.01.23

BVID: 30262

Owner Name: JOHN KOCH

Omaha Lead Site
Site Sketch

Address: 3208 N 41 ST

Phone: H: W:

Exterior Paint

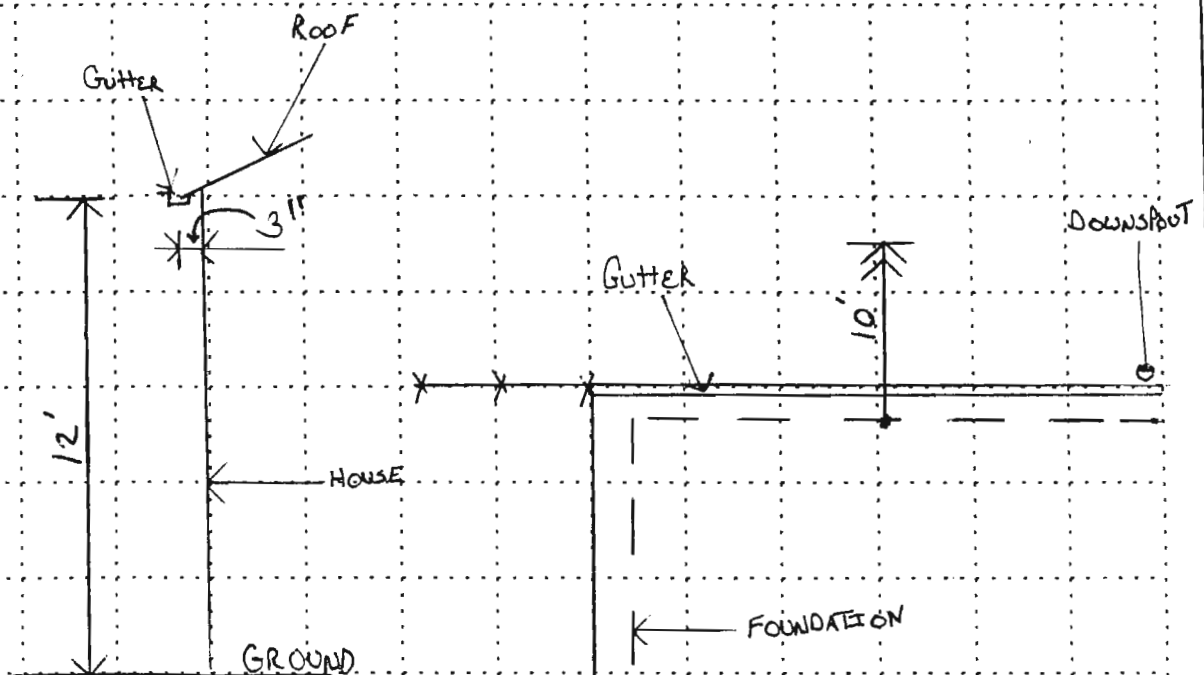
☐ Good☒ Poor☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.

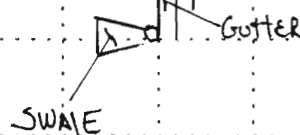


ELEVATION

3208 N 41

10'

- Positive
- 1 story, 3' overhang, 12'
- Gutters, swales
- PAINT
- BARE GROUND
- SOUTH + WEST
- TAKEN



N 41 ST



30262



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

(property Owner Signature)

(Please Print Name)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS☐ owner ☒ renterResidence Address: 3208 N 41 STOMAHANE68111

(city)

(STATE)

(ZIP)

Property owned by JOHN R KOCH5304 N 78 STOwner's mailing address: PO BOX 14026 OMAHA, NE 68107-34Owner's telephone number - Home: 402-572-6660Work: 402-651-2501Age of home? 60 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☒ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: VACANT**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 08-16-05 11:22 Second: 11-17-05 1:30 pm Third: 11-28-05 10:00 ammsw / KSMTSigned MT

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

FB121

ASH



30262

Owner Name: JOHN R KOCH

Address: 3208 N 41 ST

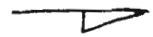
Phone: H: 572-6660 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☒ Poor☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-30262 F1	62 ppm	☒	☐
RYBSCPXA-30262 F2	58 ppm	☒	☐
RYCSCPXA-30262 B1	110 ppm	☒	☐
RYDSCPXA-30262 B2	77 ppm	☒	☐
RDZSCPXA-30262 DZ	249 ppm	☒	☐
~~RGZSCPXA-30262 GZ~~	~~— ppm~~	☐	☐
~~RPZSCPXA-30262 PZ~~	~~— ppm~~	☐	☐

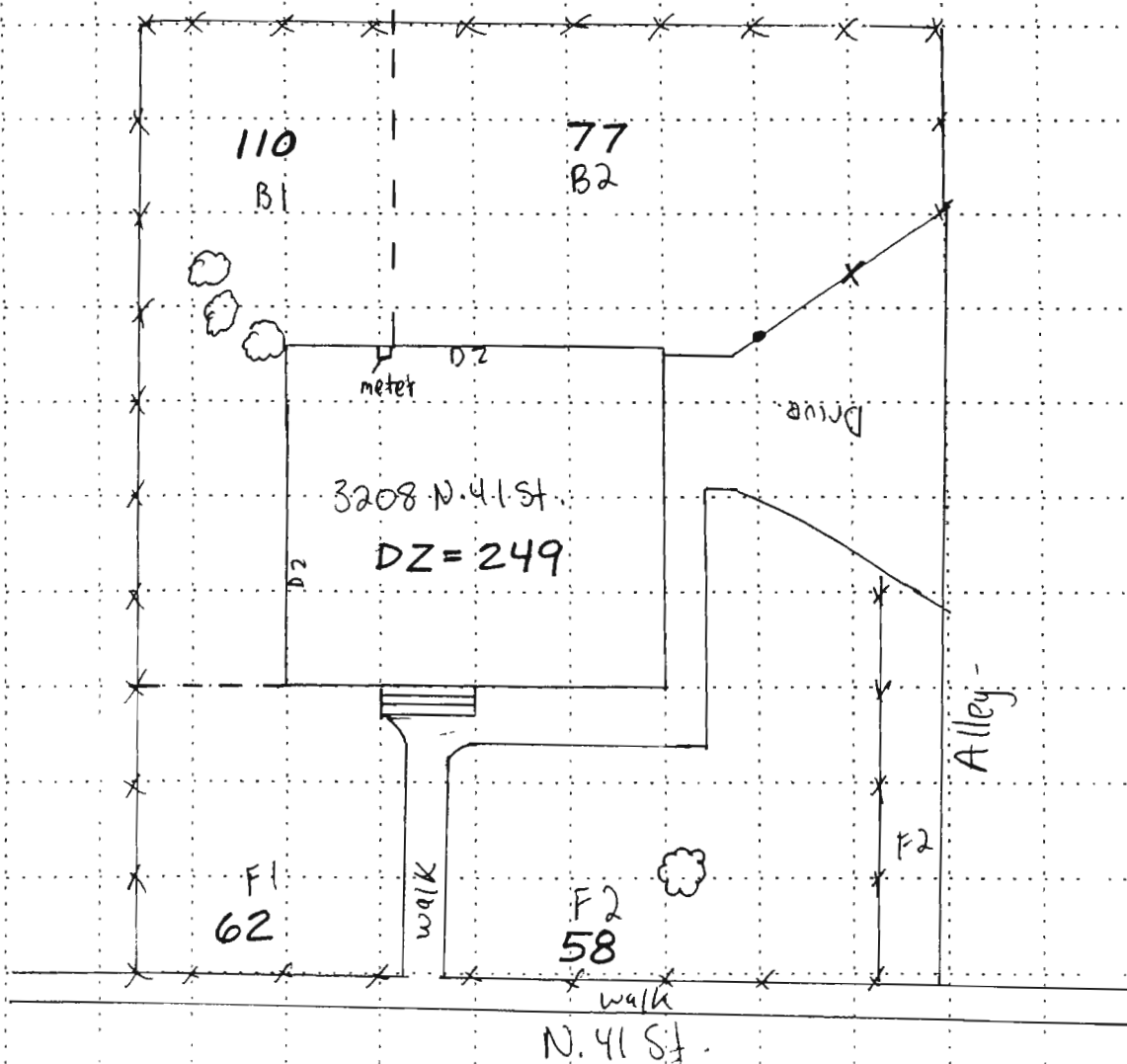
Number of Samples = 5 0

Samples Collected	
Firm:	MES-A.H./J.H.
Date:	12/20/05
Time:	1:00

Samples Analyzed	
XRF Unit:	1037 Book: 143
Date:	1-11-06
Time:	Am
Staff:	LA

ENTERED

JAN 03 2006





30262



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Krings al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Krings at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(Please Print Name)

11-28-05

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 3208 N 41 ST

OMAHA NE 68111
(CITY) (STATE) (ZIP)

Owner Name: JOHN R KOCH

Owner address: 5304 N 78 ST, OMAHA, NE 68134

Owner's telephone number - Home: 402-572-6660

Work: 402-651-2501

Age of home: 62 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(Type of siding, and approximate % of exterior painted)

House 100% painted

Description of conditions which could contribute to paint deterioration: Incomplete downspout on SE corner, missing downspouts on NE & NW corners, gutter system damaged/missing on NE section, broken window on E side (house appears vacant)

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



00000000000000000000000000000000

LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Staff: MES-A.H./J.H.

Rev 1 RP.1



30262

Owner Name: JOHN R KOCH

Address: 3208 N 41 ST

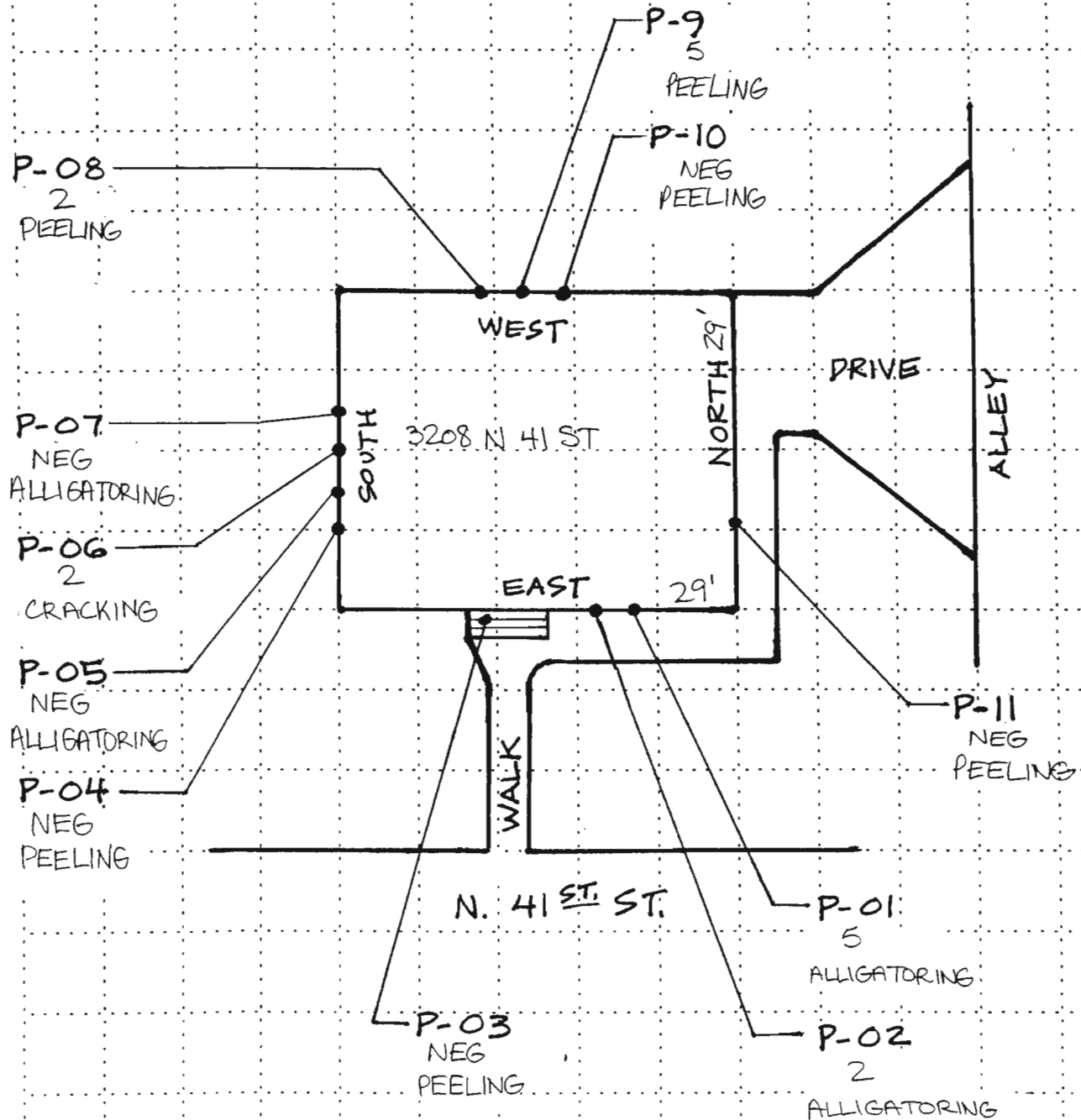
Phone: H: 402-572-6660 W: 402-651-250

Omaha Lead Site
Site Sketch
LBP Assessment

North Arrow

Plan View - Indicate number of stories and perimeter dimensions of structure
Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





30262

Owner Name: JOHN R KOCH**Omaha Lead Site
LBP Assessment**

North Arrow

Address: 3208 N 41 STPhone: H: 402-572-6660 W: 402-572-651-250

Additional Notes

Surface Painted Area North = 550 ft²
South = 320 ft²
East = 270 ft²
West = 415 ft²
Total Surface Painted Area = 1555 ft²

Omaha Lead Site Drip Zone Study

BVID: 30444

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-12-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01-E - 30444		<u>557</u>	☐	DZ 01-S - 30444		<u>325</u>	☐				
DZ 02-E - 30444		<u>359</u>	☐	DZ 02-S - 30444		<u>287</u>	☐				
DZ 03-E - 30444		<u>282</u>	☐	DZ 03-S - 30444		<u>298</u>	☐				
DZ 04-E - 30444		<u>237</u>	☐	DZ 04-S - 30444		<u>324</u>	☐				
DZ 05-E - 30444		<u>228</u>	☐	~~DZ 05-S - 30444~~		<u>-</u>	☐				
DZ 06-E - 30444		<u>249</u>	☐	~~DZ 06-S - 30444~~		<u>-</u>	☐				
DZ 07-E - 30444		<u>233</u>	☐	~~DZ 07-S - 30444~~		<u>-</u>	☐				
DZ 08-E - 30444		<u>377</u>	☐	~~DZ 08-S - 30444~~		<u>-</u>	☐				
DZ 09-E - 30444		<u>234</u>	☐	DZ 09-S - 30444		<u>647</u>	☐				
DZ 10-E - 30444		<u>180</u>	☐	DZ 10-S - 30444		<u>227</u>	☐				
DZ 11-E - 30444		<u>163</u>	☐	DZ 11-S - 30444		<u>186</u>	☐				
DZ 12-E - 30444		<u>152</u>	☐	DZ 12-S - 30444		<u>158</u>	☐				
DZ 13-E - 30444		<u>134</u>	☐	DZ 13-S - 30444		<u>153</u>	☐				
DZ 14-E - 30444		<u>136</u>	☐	DZ 14-S - 30444		<u>174</u>	☐				
DZ 15-E - 30444		<u>139</u>	☐	DZ 15-S - 30444		<u>148</u>	☐				
DZ 16-E - 30444		<u>113</u>	☐	DZ 16-S - 30444		<u>73</u>	☐				
DZ 17-E - 30444		<u>108</u>	☐	DZ 17-S - 30444		<u>78</u>	☐				
DZ 18-E - 30444		<u>101</u>	☐	DZ 18-S - 30444		<u>65</u>	☐				
DZ 19-E - 30444		<u>102</u>	☐	DZ 19-S - 30444		<u>75</u>	☐				
DZ 20-E - 30444		<u>111</u>	☐	DZ 20-S - 30444		<u>52</u>	☐				
DZ 21-E - 30444		<u>95</u>	☐	DZ 21-S - 30444		<u>55</u>	☐				

# of Samples:	<u>21</u>	# of Samples:	<u>17</u>

BVID: 30444

Owner Name: JAYME RICHARDSON
Address: 3229 N 41 ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

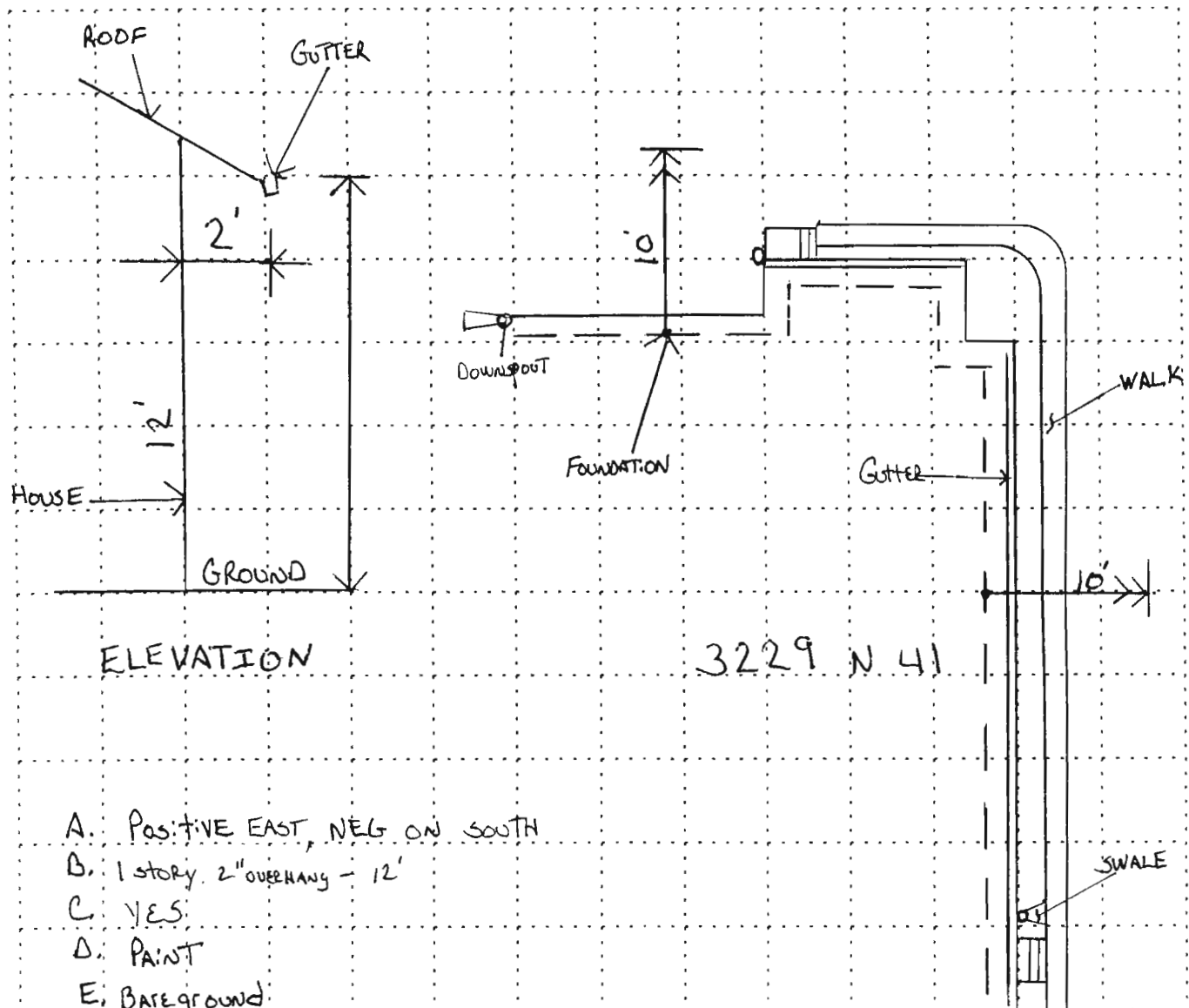
Exterior Paint
☐ Good
☒ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



A. POSITIVE EAST, NEG ON SOUTH
B. 1 STORY. 2" OVERHANG - 12'
C. YES
D. PAINT
E. BAREGROUND
F. SOUTH & EAST
G. TAKEN

N 41 ST



30444



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By


(property Owner Signature)

DAVID CARR

(Please Print Name)

12/6/05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:  CARLETHA SMITH ☐ owner ☒ renter

Residence Address: 3229 N 41 ST

OMAHA

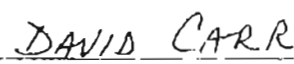
NE

68111

(city)

(state)

(zip)

Property owned by JAYME RICHARDSON  DAVID CARROwner's mailing address: PO BOX 45473, OMAHA, NE 68145 (3612 S 88 St)
24486 24

Owner's telephone number - Home:

Work:

Age of home? 83 years

How long have you lived here? 8 years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☒ NoHas the interior been painted or covered since 1978? ☐ Yes ☒ No

Total number of occupants: 2

List Ages: 50+ 30+

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: 0

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11.30.05 - 9:00 AM Second: 12.6.05 12:20 PM Third:
mt

ASH



30444

Owner Name: David Carr
JAYME RICHARDSONAddress: 3229 N 41 ST

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☒ Poor☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-30444 F1	<u>538</u> ppm	☒	☐
RYBSCPXA-30444 F2	<u>43</u> ppm	☒	☐
RYCSCPXA-30444 B1	<u>102</u> ppm	☒	☐
RYDSCPXA-30444 B2	<u>73</u> ppm	☒	☐
RDZSCPXA-30444 DZ	<u>588</u> ppm	☒	☐
~~RGZSCPXA-30444 GZ~~	~~-~~ ppm	☐	☐
~~RPZSCPXA-30444 PZ~~	~~-~~ ppm	☐	☐

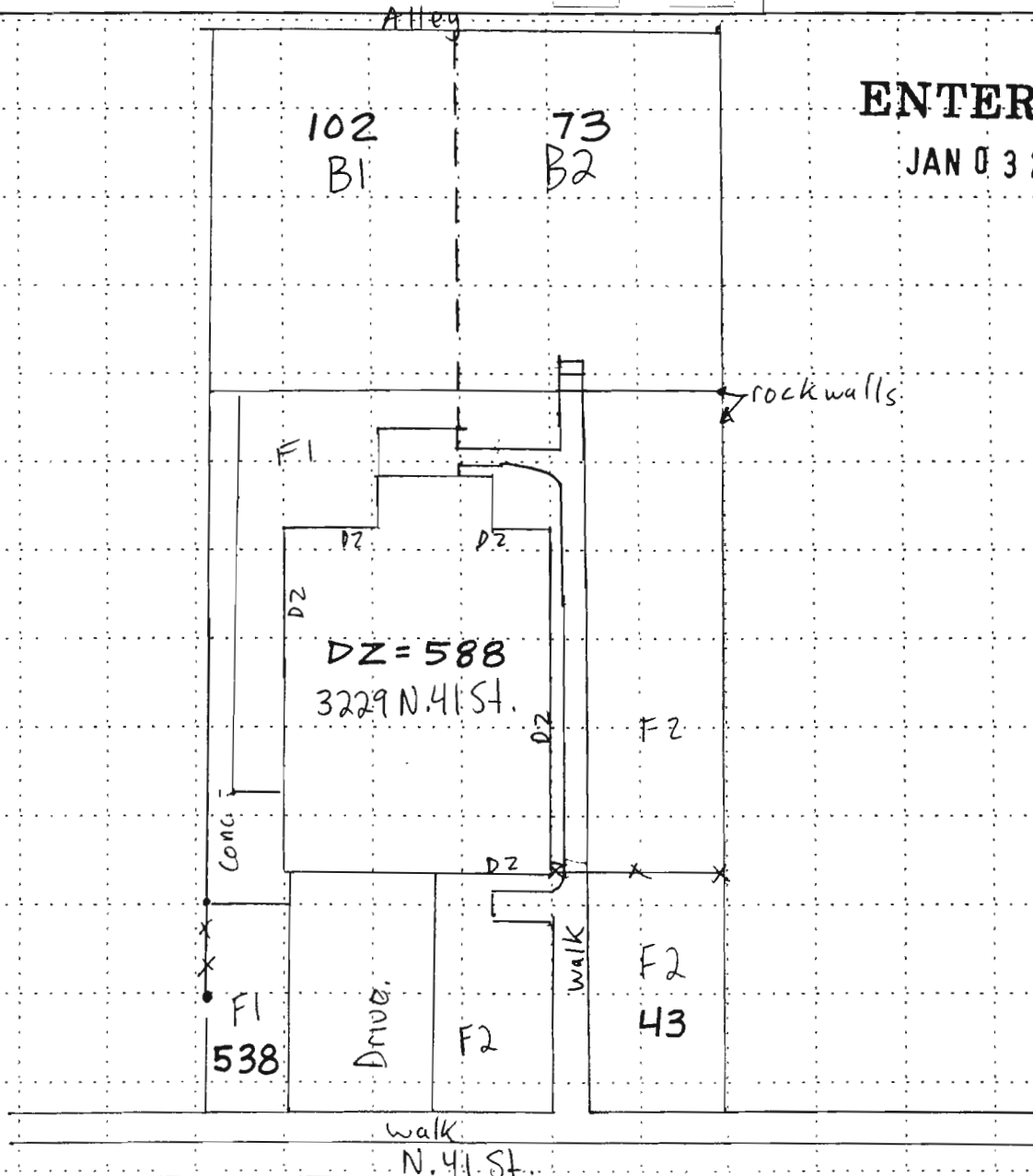
Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES-A.H./J.H.</u>
Date:	<u>12/20/05</u>
Time:	<u>2:20</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-12-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>

ENTERED

JAN 03 2006





30444



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-6-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 3229 N 41 ST

OMAHA NE 68111
(CITY) (STATE) (ZIP)

Owner Name: DAVID CARR

Owner address: PO BOX 24486, OMAHA, NE 68124

Owner's telephone number - Home: _____ Work: _____

Age of home: 85 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House 100% painted

Description of conditions which could contribute to paint deterioration: Incomplete downspouts on NW
corner & E side**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



30444

LEGEND: H - N - P - 01 - 12345

--- BVID Number
 --- Sample Number
 --- Material: P = Paint
 --- Side of Structure: N = North S = South E = East W = West
 --- Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/20/05 Time: 2:40
 Staff: MES-A.H. / J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H-W-P-01-30444	<u>13</u> mg/cm ²	<u>PORCH/col.</u>	<u>WOOD</u>	<u>WHITE</u>	<u>7</u> ft ²
H-W-P-02-30444	<u>7</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>BLUE</u>	<u>15</u> ft ²
H-W-P-03-30444	<u>3</u> mg/cm ²	<u>SIDING/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H-N-P-04-30444	<u>10</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>BLUE</u>	<u>25</u> ft ²
H-E-P-05-30444	<u>11</u> mg/cm ²	<u>SIDING/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H-E-P-06-30444	<u>3</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>BLUE</u>	<u>20</u> ft ²
H-E-P-07-30444	<u>4</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H-S-P-08-30444	<u>14</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H-S-P-09-30444	<u>2</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>BLUE</u>	<u>15</u> ft ²
H-S-P-10-30444	<u>12</u> mg/cm ²	<u>SIDING/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>10</u> ft ²
H-_-P-11-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H-_-P-12-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²
-_-P-_-30444	_____ mg/cm ²	_____	_____	_____	_____ ft ²



30444

Owner Name: DAVID CARR

Address: 3229 N 41 ST

Phone: H: W:

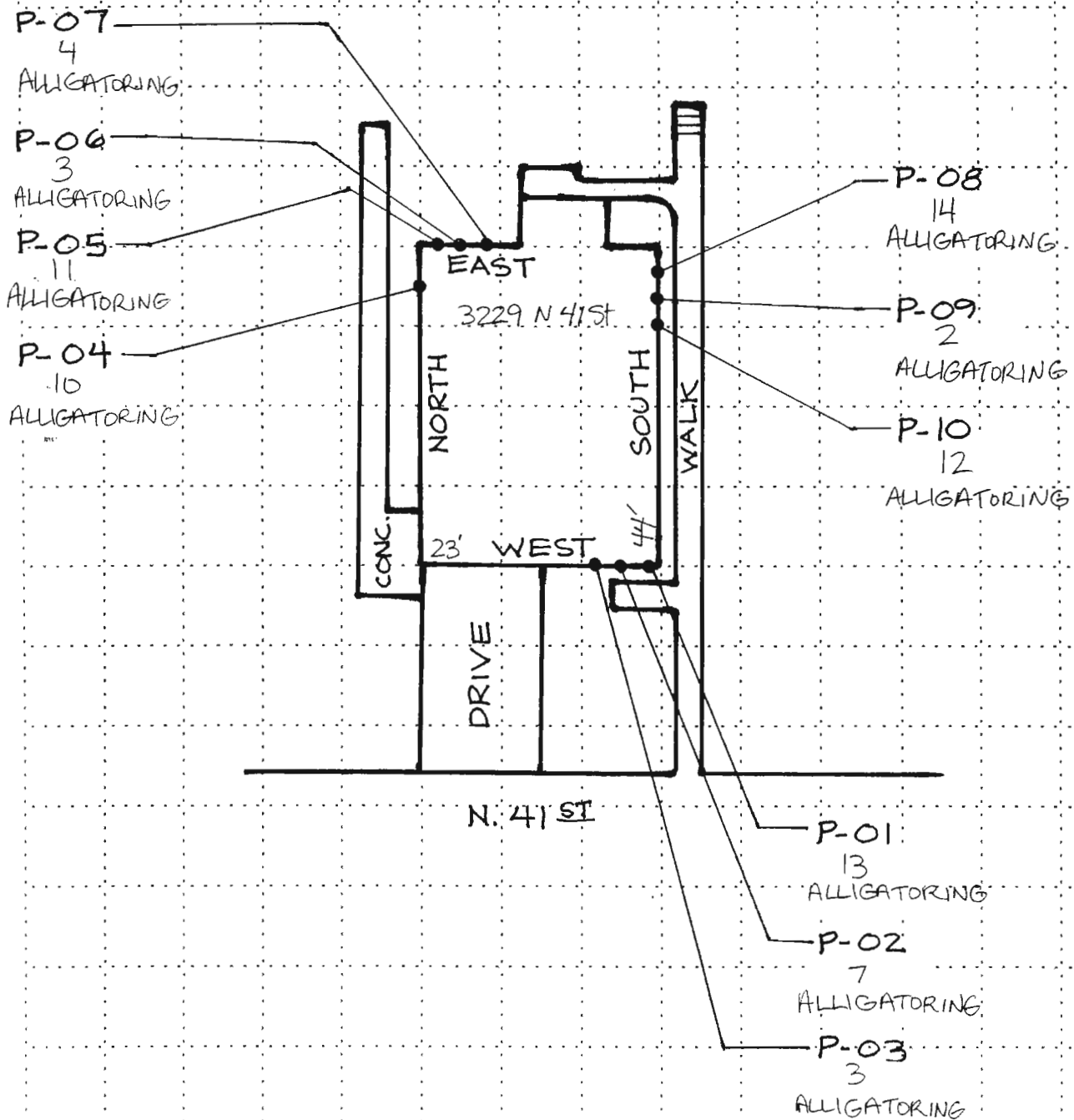
Omaha Lead Site
Site Sketch
LBP Assessment

North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure
Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





30444

Owner Name: DAVID CARRAddress: 3229 N 41 ST

Phone: H: _____ W: _____

**Omaha Lead Site
LBP Assessment**

North Arrow

Additional Notes

Surface Painted Area North = 475 ft²
South = 435 ft²
East = 250 ft²
West = 466 ft²
Total Surface Painted Area = 1626 ft²

Omaha Lead Site Drip Zone Study

BVID: 32409

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-11-06</u>		Time: <u>AM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- <u>E - 32409</u>		<u>52</u>	☐	DZ 01- <u>W - 32409</u>		<u>52</u>	☐
DZ 02- <u>E - 32409</u>		<u>40</u>	☐	DZ 02- <u>W - 32409</u>		<u>55</u>	☐
DZ 03- <u>E - 32409</u>		<u>46</u>	☐	DZ 03- <u>W - 32409</u>		<u>53</u>	☐
DZ 04- <u>E - 32409</u>		<u>48</u>	☐	DZ 04- <u>W - 32409</u>		<u>68</u>	☐
DZ 05- <u>E - 32409</u>		<u>59</u>	☐	DZ 05- <u>W - 32409</u>		<u>45</u>	☐
DZ 06- <u>E - 32409</u>		<u>61</u>	☐	DZ 06- <u>W - 32409</u>		<u>59</u>	☐
DZ 07- <u>E - 32409</u>		<u>65</u>	☐	DZ 07- <u>W - 32409</u>		<u>63</u>	☒
DZ 08- <u>E - 32409</u>		<u>69</u>	☐	DZ 08- <u>W - 32409</u>		<u>59</u>	☐
DZ 09- <u>E - 32409</u>		<u>59</u>	☐	DZ 09- <u>W - 32409</u>		<u>59</u>	☐
DZ 10- <u>E - 32409</u>		<u>83</u>	☐	DZ 10- <u>W - 32409</u>		<u>63</u>	☐
DZ 11- <u>E - 32409</u>		<u>65</u>	☐	DZ 11- <u>W - 32409</u>		<u>79</u>	☐
DZ 12- <u>E - 32409</u>		<u>83</u>	☐	DZ 12- <u>W - 32409</u>		<u>71</u>	☐
DZ 13- <u>E - 32409</u>		<u>63</u>	☐	DZ 13- <u>W - 32409</u>		<u>78</u>	☐
DZ 14- <u>E - 32409</u>		<u>52</u>	☐	DZ 14- <u>W - 32409</u>		<u>117</u>	☐
DZ 15- <u>E - 32409</u>		<u>48</u>	☐	DZ 15- <u>W - 32409</u>		<u>66</u>	☐
DZ 16- <u>E - 32409</u>		<u>45</u>	☐	DZ 16- <u>W - 32409</u>		<u>75</u>	☐
DZ 17- <u>E - 32409</u>		<u>49</u>	☐	DZ 17- <u>W - 32409</u>		<u>61</u>	☐
DZ 18- <u>E - 32409</u>		<u>50</u>	☐	DZ 18- <u>W - 32409</u>		<u>68</u>	☐
DZ 19- <u>E - 32409</u>		<u>42</u>	☒	DZ 19- <u>W - 32409</u>		<u>65</u>	☐
DZ 20- <u>E - 32409</u>		<u>50</u>	☐	DZ 20- <u>W - 32409</u>		<u>66</u>	☐
DZ 21- <u>E - 32409</u>		<u>43</u>	☐	DZ 21- <u>W - 32409</u>		<u>54</u>	☐

# of Samples: 20 1	# of Samples: 20 1
Lab Result DZ19-EL-32409 46.4 ppm	Lab Result DZ07-WL-32409 64.1 ppm

Rev 0.9a2

044701.01.23

BVID: 32409

Owner Name: SANDRA HIGBEE
Address: 3735 N. 40 ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

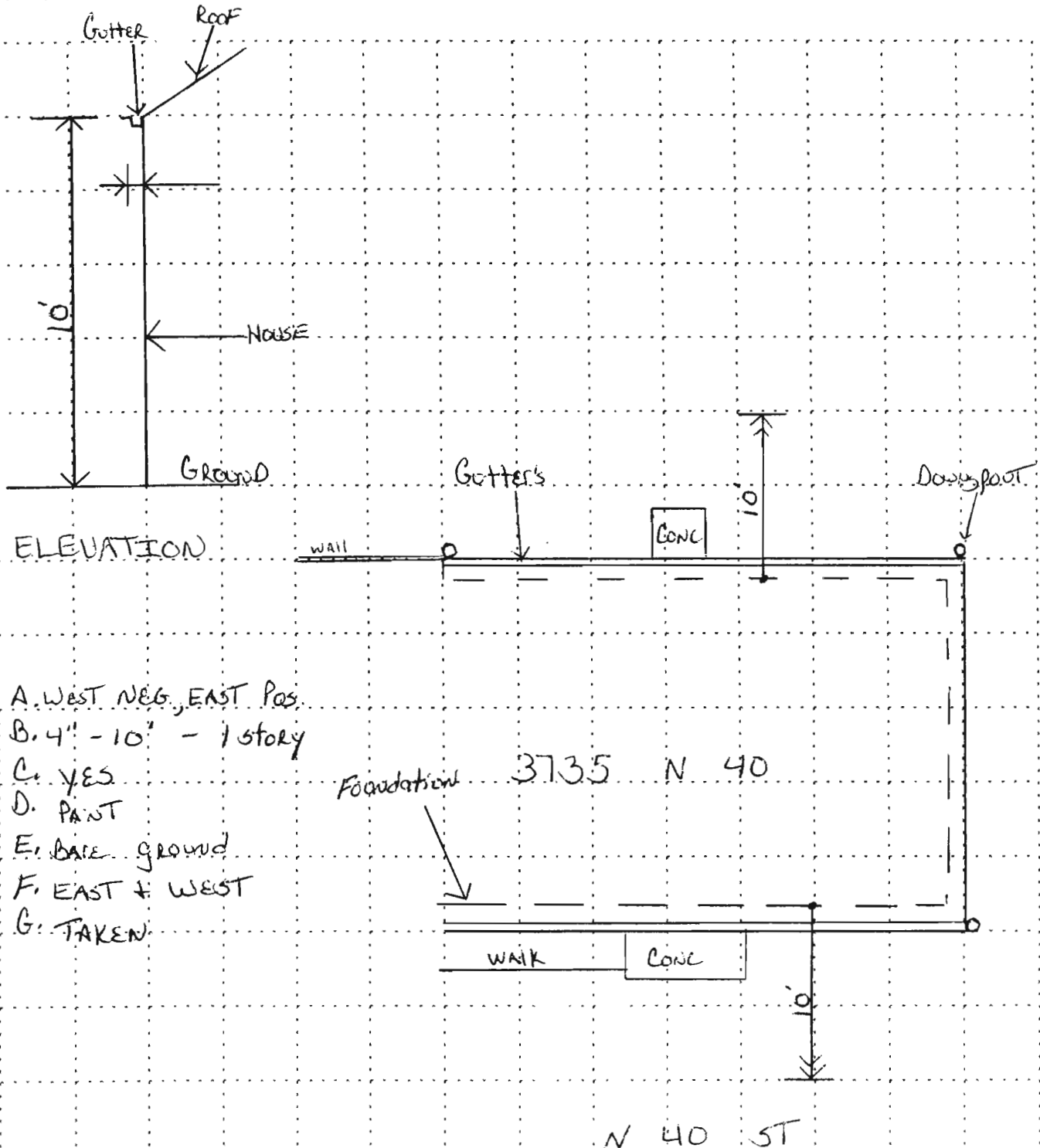
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



32409



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

Sandra Higbee

(Please Print Name)

Sandra Higbee

(property Owner Signature)

11-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:

Vacant

☒ owner ☐ renter

Residence Address:

3735 N. 40 ST

Omaha, NE 68111

(CITY)

(STATE)

(ZIP)

Property owned by

Sandra Higbee

Owner's mailing address:

421 N. 19 ST Blair, NE 68008

Owner's telephone number - Home:

4

Work:

Age of home? 50 years

How long have you lived here? years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants:

List Ages:

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First:

12-17-05

Second:

Third:

Entered in Book KS

WALKUP

11.19.05

5:00 PM

MT

FB 134

32409

Owner Name: Sandra Higbee
Address: 3735 N. 40th St.
Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-32409 F1	<u>36</u> ppm	☒	☐
RYBSCPXA-32409 F2	<u>59</u> ppm	☒	☐
RYCSCPXA-32409 B1	<u>42</u> ppm	☒	☐
RYDSCPXA-32409 B2	<u>32</u> ppm	☒	☐
RDZSCPXA-32409 DZ	<u>32</u> ppm	☒	☐
~~RGZSCPXA-~~ GZ	~~-~~ ppm	☐	☐
~~RPZSCPXA-~~ PZ	~~-~~ ppm	☐	☐

Number of Samples = 5 0

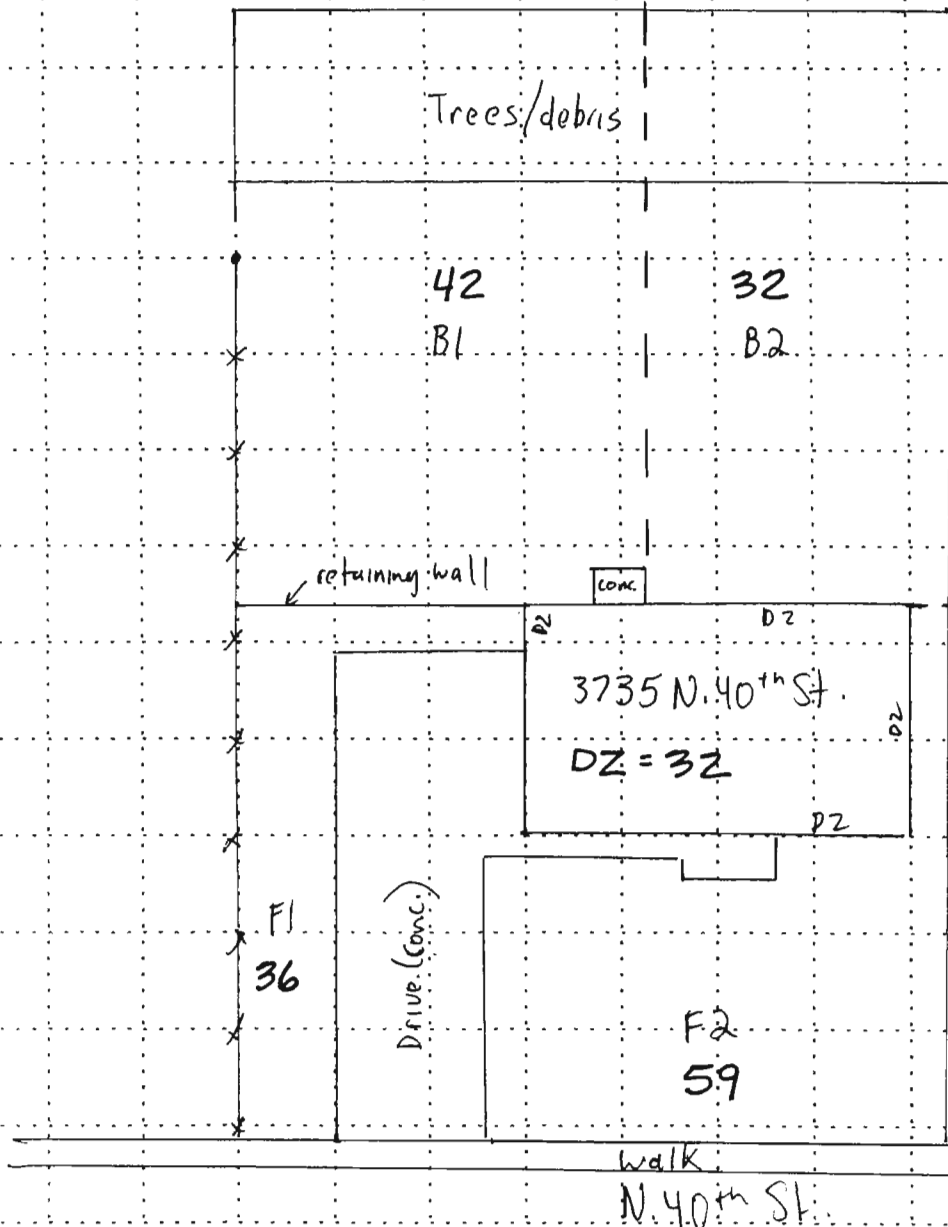
Samples Collected	
Firm:	<u>MES-A.H./J.H.</u>
Date:	<u>12/22/05</u>
Time:	<u>9:05</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-11-06</u>
Time:	<u>AM</u>
Staff:	<u>LA</u>

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





32409



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 3735 N 40 ST

OMAHA NE 68111
(CITY) (STATE) (ZIP)

Owner Name: SANDRA K HIGBEE

Owner address: 421 N 19 ST, BLAIR, NE 68008

Owner's telephone number - Home: _____ Work: _____

Age of home: 54 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House 100% painted

Description of conditions which could contribute to paint deterioration: Broken windows on S side Incomplete
downspouts on SW & NE corners. Damaged gutter system on SE side**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



32409

LEGEND: H - N - P - 01 - 12345

--- BVID Number
 --- Sample Number
 --- Material: P = Paint
 --- Side of Structure: N = North S = South E = East W = West
 --- Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/22/05 Time: 9:30
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>W</u> - P - 01 - 32409	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC</u>	<u>TAN</u>	<u>3</u> ft ²
H - <u>W</u> - P - 02 - 32409	<u>NEG</u> mg/cm ²	<u>SHUTTER</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 03 - 32409	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 04 - 32409	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 05 - 32409	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>METAL</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 06 - 32409	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 07 - 32409	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 08 - 32409	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H - <u> </u> - P - 09 - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 32409	_____ mg/cm ²	_____	_____	_____	_____ ft ²



32409

Owner Name: SANDRA K HIGBEE

Address: 3735 N 40 ST

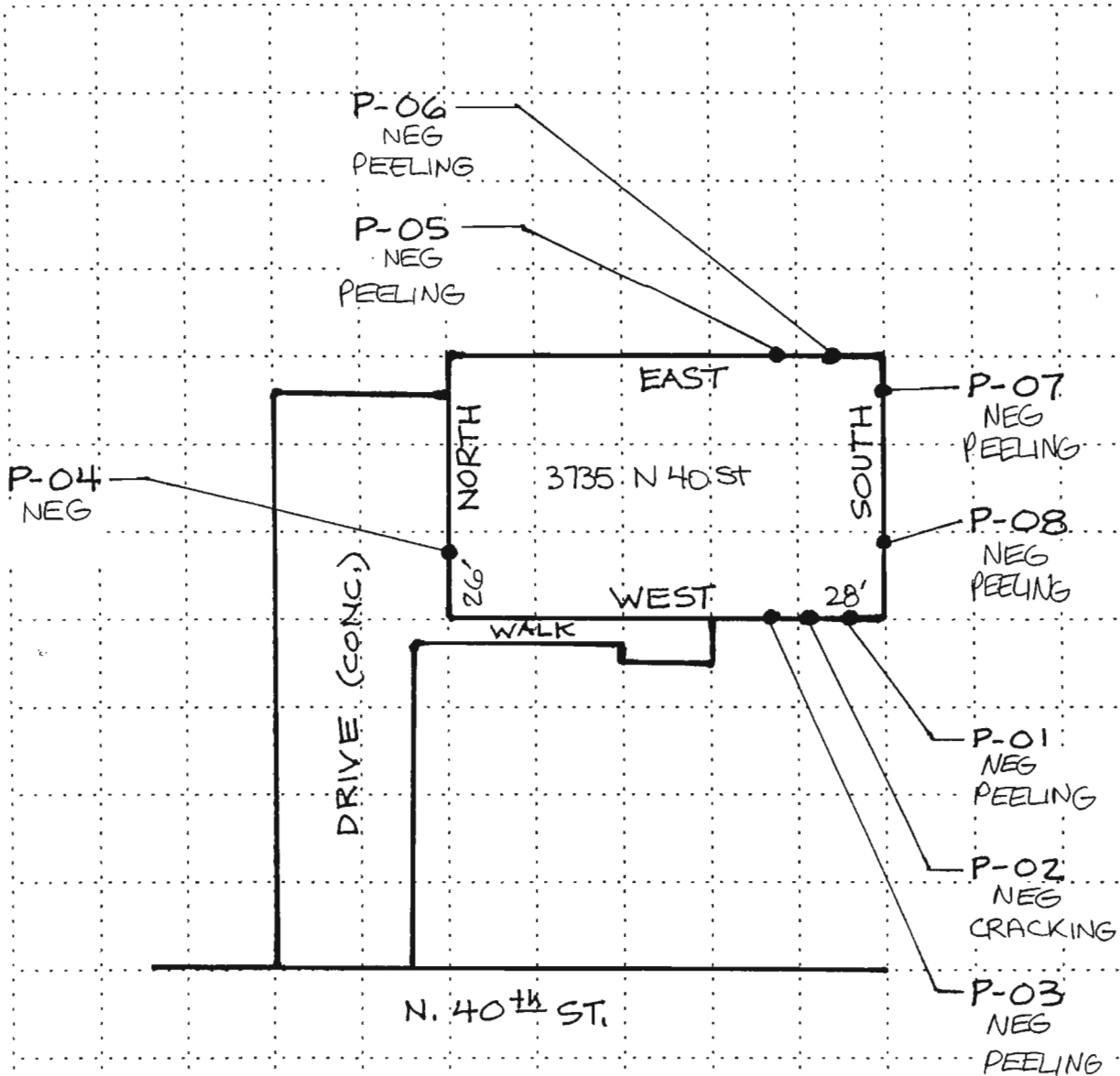
Phone: H: W:

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

**Plan View - Indicate number of stories and perimeter dimensions of structure****Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





32409

Owner Name: SANDRA K HIGBEE

Omaha Lead Site
LBP Assessment

North Arrow

Address: 3735 N 40 ST

Phone: H: W:

Additional Notes

Surface Painted Area North = 283 ft²
South = 330 ft²
East = 410 ft²
West = 154 ft²
Total Surface Painted Area = 1177 ft²

Omaha Lead Site Drip Zone Study

BVID: 32501

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-6-06</u>		Time: <u>AM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- <u>E - 32501</u>		<u>945</u>	☐	DZ 01- <u>W- 32501</u>		<u>102</u>	☐
DZ 02- <u>E - 32501</u>		<u>987</u>	☐	DZ 02- <u>W- 32501</u>		<u>95</u>	☒
DZ 03- <u>E - 32501</u>		<u>720</u>	☐	DZ 03- <u>W- 32501</u>		<u>107</u>	☐
DZ 04- <u>E - 32501</u>		<u>420</u>	☐	DZ 04- <u>W- 32501</u>		<u>95</u>	☐
DZ 05- <u>E - 32501</u>		<u>418</u>	☐	DZ 05- <u>W- 32501</u>		<u>138</u>	☐
DZ 06- <u>E - 32501</u>		<u>339</u>	☐	DZ 06- <u>W- 32501</u>		<u>100</u>	☐
DZ 07- <u>E - 32501</u>		<u>457</u>	☐	DZ 07- <u>W- 32501</u>		<u>118</u>	☐
DZ 08- <u>E - 32501</u>		<u>384</u>	☐	DZ 08- <u>W- 32501</u>		<u>102</u>	☐
DZ 09- <u>E - 32501</u>		<u>417</u>	☐	DZ 09- <u>W- 32501</u>		<u>131</u>	☐
DZ 10- <u>E - 32501</u>		<u>444</u>	☐	DZ 10- <u>W- 32501</u>		<u>138</u>	☐
DZ 11- <u>E - 32501</u>		<u>425</u>	☐	DZ 11- <u>W- 32501</u>		<u>110</u>	☐
DZ 12- <u>E - 32501</u>		<u>382</u>	☐	DZ 12- <u>W- 32501</u>		<u>146</u>	☐
DZ 13- <u>E - 32501</u>		<u>427</u>	☐	DZ 13- <u>W- 32501</u>		<u>141</u>	☐
DZ 14- <u>E - 32501</u>		<u>498</u>	☐	DZ 14- <u>W- 32501</u>		<u>127</u>	☐
DZ 15- <u>E - 32501</u>		<u>492</u>	☐	DZ 15- <u>W- 32501</u>		<u>117</u>	☐
DZ 16- <u>E - 32501</u>		<u>410</u>	☐	DZ 16- <u>W- 32501</u>		<u>121</u>	☐
DZ 17- <u>E - 32501</u>		<u>499</u>	☒	DZ 17- <u>W- 32501</u>		<u>138</u>	☐
DZ 18- <u>E - 32501</u>		<u>414</u>	☐	DZ 18- <u>W- 32501</u>		<u>143</u>	☐
DZ 19- <u>E - 32501</u>		<u>370</u>	☐	DZ 19- <u>W- 32501</u>		<u>164</u>	☐
DZ 20- <u>E - 32501</u>		<u>338</u>	☐	DZ 20- <u>W- 32501</u>		<u>213</u>	☐
DZ 20- <u>E - 32501</u>		<u>280</u>	☐	DZ 20- <u>W- 32501</u>		<u>205</u>	☐

# of Samples: 20 1	# of Samples: 20 1
Lab Result DZ17-EL-32501 419 ppm	Lab Result DZ02-WL-32501 1300 ppm

Rev 0.9a2

044701.01.23

BVID: 32501

Owner Name: SANDRA HIGBEE
 Address: 3748 N. 40 ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

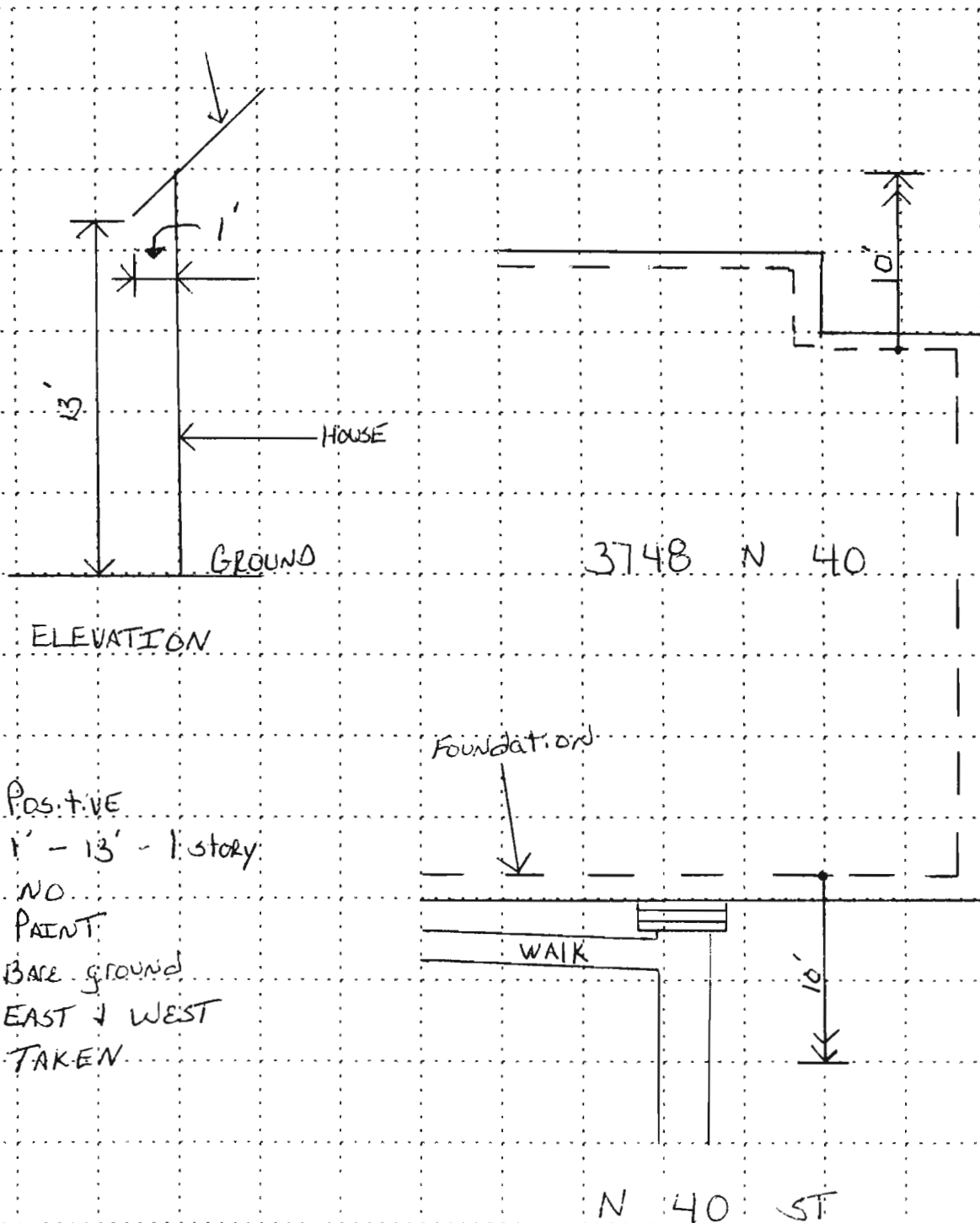
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 1' - 13' - 1 story
- NO
- PAINT
- BARE GROUND
- EAST & WEST
- TAKEN

32501



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Krings al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Krings at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

Sandra Higbee
(Please Print Name)

Sandra Higbee
(property Owner Signature)

11-19-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:

Vacant

☒ Owner ☐ Renter

Residence Address:

3748 N. 40 ST

Omaha, NE 68111
(CITY) (STATE) (ZIP)

Property owned by

Sandra Higbee

Owner's mailing address:

421 N. 19 ST. Blair, NE. 68008

Owner's telephone number - Home:

Work:

Age of home? 75 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ No

Has the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants:

List Ages:

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: 12-17-05 Entered in Book Second: _____

Third: _____

WAK UP 11:19:05 5:00 PM

1334

MT

32501

Owner Name: Sandra Higbee
 Address: 3748 N 40 St
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA- 32501 F1	<u>133</u> ppm	☒	☐
RYBSCPXA- 32501 F2	<u>179</u> ppm	☒	☐
RYCSCPXA- 32501 B1 "M"	<u>181</u> ppm	☒	☐
RYDSCPXA- 32501 B2	<u>320</u> ppm	☒	☐
RDZSCPXA- 32501 DZ	<u>456</u> ppm	☒	☐
~~RGZSCPXA- GZ~~	~~-~~ ppm	☐	☐
~~RPZSCPXA- PZ~~	~~-~~ ppm	☐	☐

Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES-A.H./J.H.</u>
Date:	<u>12/22/05</u>
Time:	<u>10:05</u>

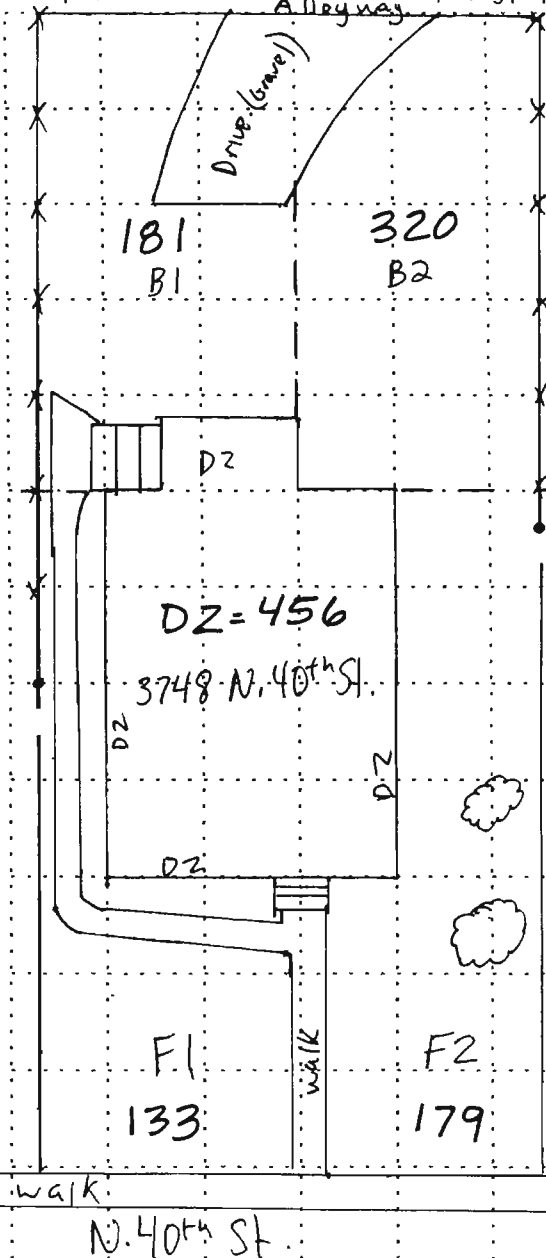
Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-6-06</u>
Time:	<u>AM</u>
Staff:	<u>LA</u>

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





32501



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE
(property Owner Signature)

(Please Print Name)

11-19-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 3748 N 40 ST

OMAHA NE 68111
(CITY) (STATE) (ZIP)

Owner Name: SANDRA K HIGBEE

Owner address: 421 N 19 ST, BLAIR, NE 68008

Owner's telephone number - Home: _____ Work: _____

Age of home: 71 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House 100% painted

Description of conditions which could contribute to paint deterioration: No gutter system on house

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



00000000000000000000

044701.01 23



32501

Owner Name: SANDRA K HIGBEE

Address: 3748 N 40 ST

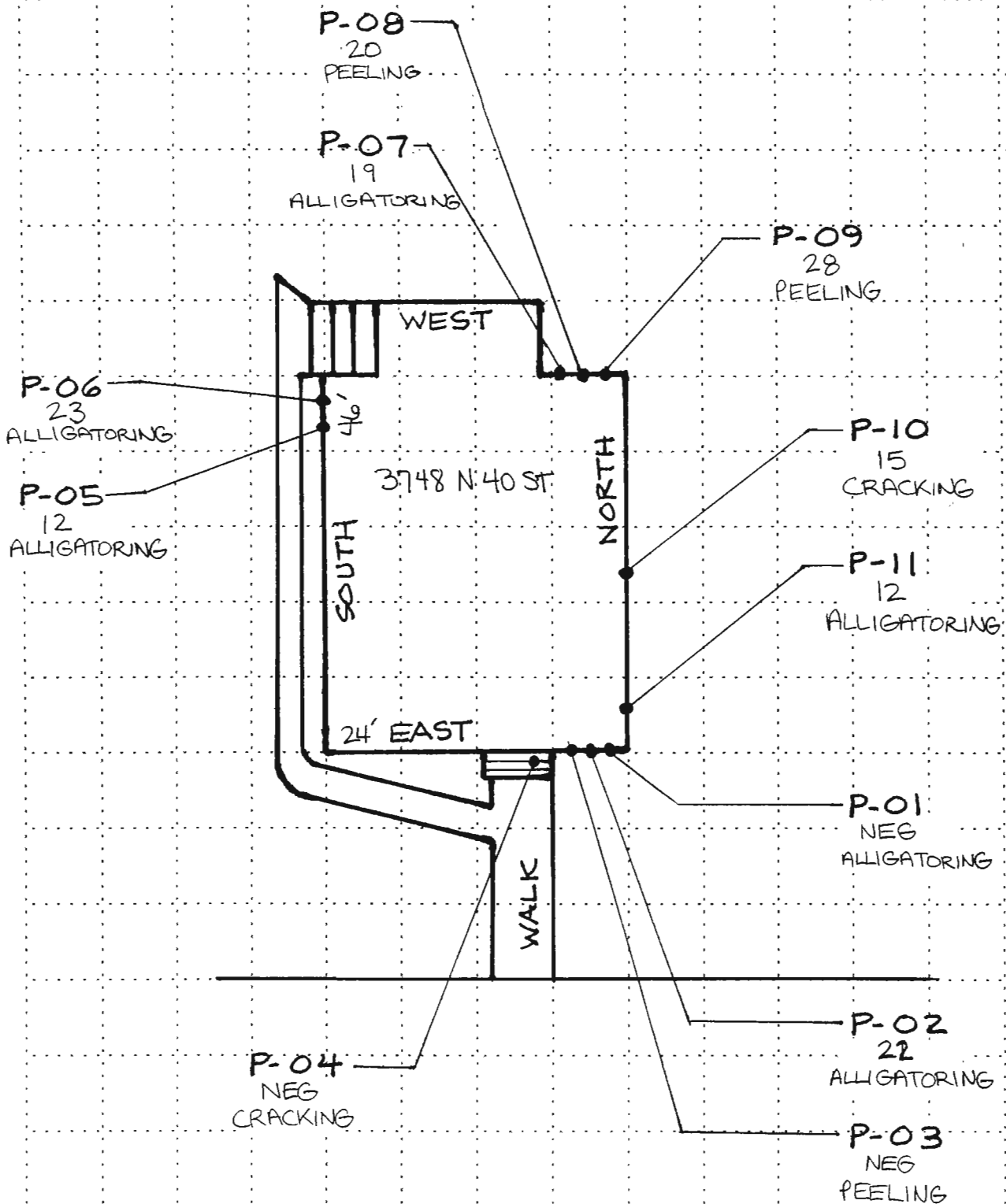
Phone: H: W:

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

**Plan View - Indicate number of stories and perimeter dimensions of structure****Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





32501

Owner Name: SANDRA K HIGBEE

Address: 3748 N 40 ST

Phone: H: W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 422 ft²
South = 387 ft²
East = 160 ft²
West = 220 ft²
Total Surface Painted Area = 1189 ft²

Omaha Lead Site Drip Zone Study

BVID: 32744

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-11-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01-W-32744		<u>2260</u>	☐	DZ 01-N-32744		<u>277</u>	☐				
DZ 02-W-32744		<u>1799</u>	☐	DZ 02-N-32744		<u>818</u>	☐				
DZ 03-W-32744		<u>2121</u>	☐	DZ 03-N-32744		<u>277</u>	☐				
DZ 04-W-32744		<u>2174</u>	☐	DZ 04-N-32744		<u>220</u>	☐				
DZ 05-W-32744		<u>1780</u>	☐	DZ 05-N-32744		<u>390</u>	☐				
DZ 06-W-32744		<u>1427</u>	☐	DZ 06-N-32744		<u>443</u>	☐				
DZ 07-W-32744		<u>1364</u>	☐	DZ 07-N-32744		<u>496</u>	☐				
DZ 08-W-32744		<u>1246</u>	☐	DZ 08-N-32744		<u>621</u>	☐				
DZ 09-W-32744		<u>1204</u>	☐	DZ 09-N-32744		<u>713</u>	☐				
DZ 10-W-32744		<u>897</u>	☐	DZ 10-N-32744		<u>603</u>	☐				
DZ 11-W-32744		<u>1166</u>	☐	DZ 11-N-32744		<u>456</u>	☐				
DZ 12-W-32744		<u>844</u>	☐	DZ 12-N-32744		<u>527</u>	☐				
DZ 13-W-32744		<u>796</u>	☐	DZ 13-N-32744		<u>495</u>	☒				
DZ 14-W-32744		<u>706</u>	☐	DZ 14-N-32744		<u>383</u>	☐				
DZ 15-W-32744		<u>500</u>	☐	DZ 15-N-32744		<u>395</u>	☐				
DZ 16-W-32744		<u>383</u>	☒	DZ 16-N-32744		<u>355</u>	☐				
DZ 17-W-32744		<u>387</u>	☐	DZ 17-N-32744		<u>330</u>	☐				
DZ 18-W-32744		<u>392</u>	☐	DZ 18-N-32744		<u>335</u>	☐				
DZ 19-W-32744		<u>305</u>	☐	DZ 19-N-32744		<u>358</u>	☐				
DZ 20-W-32744		<u>270</u>	☐	DZ 20-N-32744		<u>285</u>	☐				
DZ 21-W-32744		<u>255</u>	☐	DZ 21-N-32744		<u>306</u>	☐				

# of Samples: 20 1	# of Samples: 20 1
Lab Result DZ16-WL-32744 401 ppm	Lab Result DZ13-NL-32744 493 ppm

Rev 0.9a2

044701 01.23

BVID: 32744

Owner Name: CRAIG SMITH
 Address: 3724 N 18 ST
 Phone: H: _____ W: _____

Omaha Lead Site Sketch

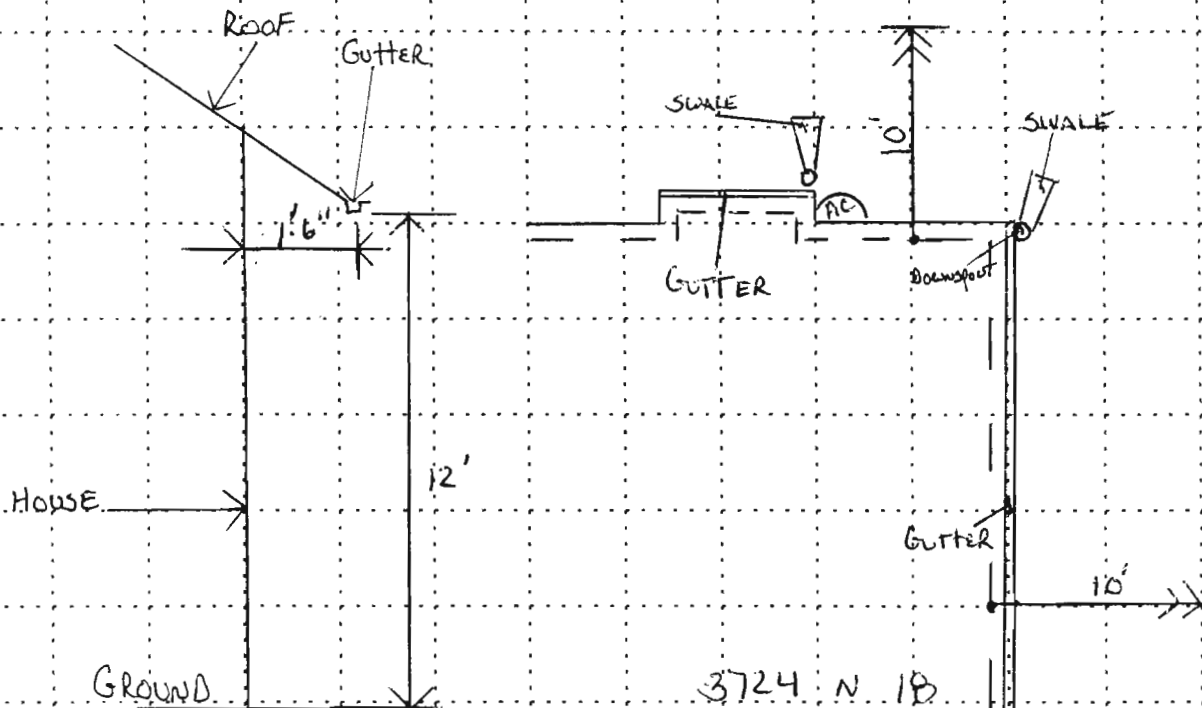
Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



ELEVATION

- Positive
- 1'-6" - 12' - 1 story
- YES
- ALUMINUM SIDING
- BARE GROUND
- EAST & NORTH
- TAKEN

N 18 ST

2200N



32744



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

x Craig A. Smith
(Please Print Name)

x Craig A. Smith (son)
(property Owner Signature)

+ 11-30-2005
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS

☐ owner ☒ renter

Residence Address: 3724 N 18 ST

OMAHA
(CITY)

NE
(STATE)

68110
(ZIP)

Property owned by CARL L SMITH JR

Owner's mailing address: JUANITA D SMITH LEST 1915 SPENCER ST, OMAHA, NE 68110

Owner's telephone number - Home: 402-451-0125

Work: _____

Age of home? 104 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☒ No

Has the interior been painted or covered since 1978? ☐ Yes ☒ No

Total number of occupants: _____ List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts: Letter sent:

First: 08-16-05 2:20pm Second: 11-30-05 8:31 AM Third: _____
msw | KS mt signed

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

EB 121

ASu



32744

Owner Name: CARL L SMITH JRAddress: 3724 N 18 STPhone: H: 451-0125 W:Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

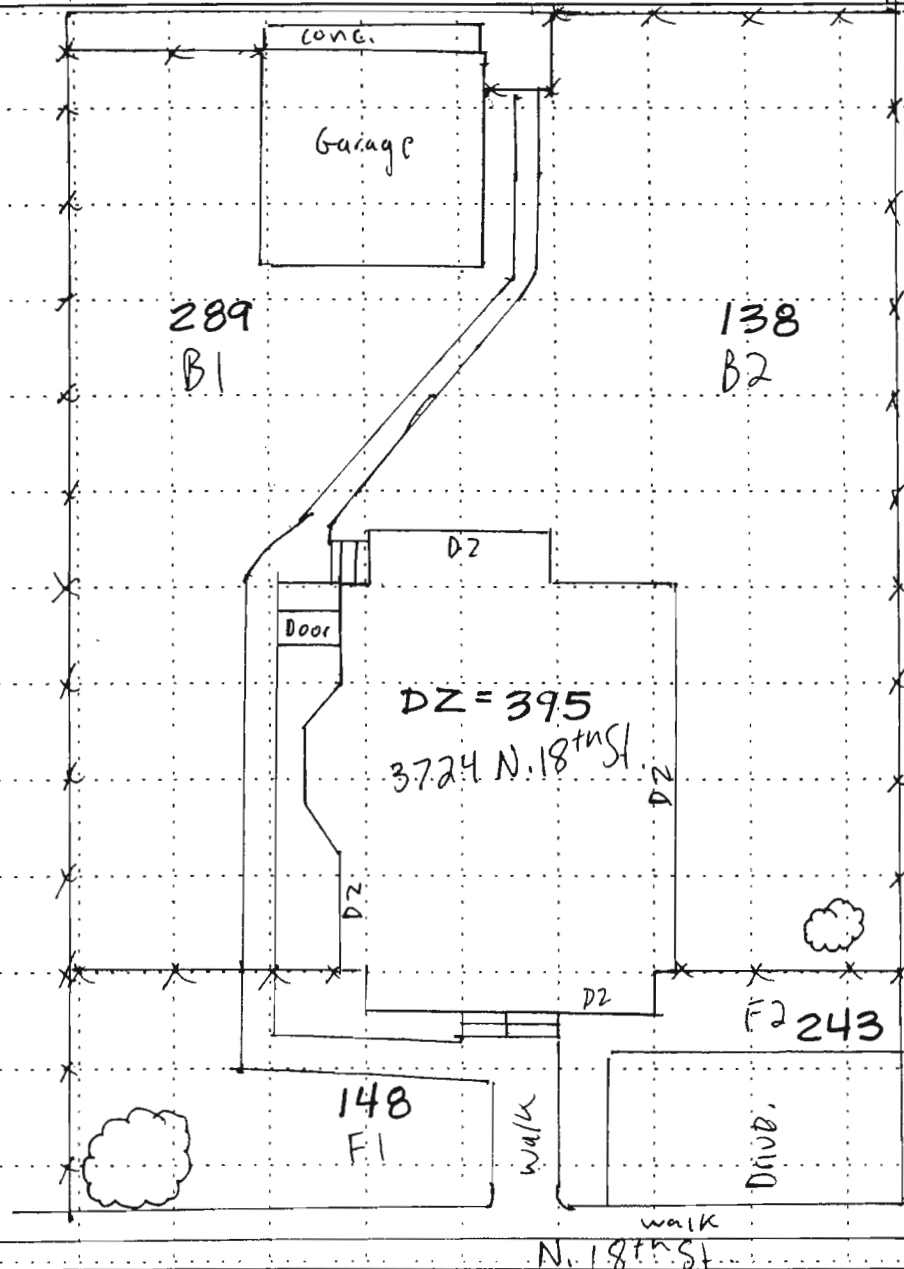
Samples Collected

Firm: MES-A.H./J.H.Date: 12/19/05Time: 2:20

Samples Analyzed

XRF Unit: 1037 Book: 143Date: 1-11-06Time: PMStaff: LA

RYASCPXA-32744	F1	<u>148</u> ppm	☒	☐
RYBSCPXA-32744	F2	<u>243</u> ppm	☒	☐
RYCSCPXA-32744	B1	<u>289</u> ppm	☒	☐
RYDSCPXA-32744	B2	<u>138</u> ppm	☒	☐
RDZSCPXA-32744	DZ	<u>395</u> ppm	☒	☐
RGZSCPXA-32744	GZ	- ppm	☐	☐
RPZSCPXA-32744	PZ	- ppm	☐	☐

Number of Samples = 5 0

ENTERED

JAN 03 2006



32744



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

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Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-30-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ NoResident Address: 3724 N 18 STOMAHA NE 68110
(CITY) (STATE) (ZIP)Owner Name: CARL L SMITH JROwner address: JUANITA D SMITH LEST 1915 SPENCER ST, OMAHA, NE 68110Owner's telephone number - Home: 402-451-0125 Work: _____Age of home: 106 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials: House 95% vinyl & aluminum siding, 5% painted
(type of siding, and approximate % of exterior painted) including foundation, lattice, porch stepsDescription of conditions which could contribute to paint deterioration: missing siding on W side fascia
exposing deteriorated paint**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

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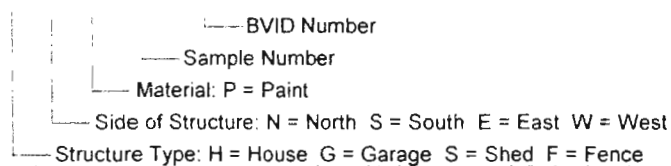
Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345



Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/19/05 Time: 2:45
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H-E-P-01-32744	NEG mg/cm ²	FOUNDATION	CONCRETE	WHITE	3 ft ²
H-E-P-02-32744	2 mg/cm ²	FDN. / LATTICE	WOOD	WHITE	25 ft ²
H-W-P-03-32744	NEG mg/cm ²	SIDING	WOOD	WHITE	10 ft ²
H-W-P-04-32744	NEG mg/cm ²	FOUNDATION	CONCRETE	WHITE	5 ft ²
H- - P - 05 - 32744	mg/cm ²				ft ²
H- - P - 06 - 32744	mg/cm ²				ft ²
H- - P - 07 - 32744	mg/cm ²				ft ²
H- - P - 08 - 32744	mg/cm ²				ft ²
H- - P - 09 - 32744	mg/cm ²				ft ²
H- - P - 10 - 32744	mg/cm ²				ft ²
H- - P - 11 - 32744	mg/cm ²				ft ²
H- - P - 12 - 32744	mg/cm ²				ft ²
G-E-P-1-32744	NEG mg/cm ²	SIDING	WOOD	YELLOW	1 ft ²
G-E-P-2-32744	NEG mg/cm ²	WINDOW	WOOD	YELLOW	1 ft ²
G-S-P-3-32744	NEG mg/cm ²	SIDING	WOOD	YELLOW	1 ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²
- - P - - - 32744	mg/cm ²				ft ²



32744

Owner Name: CARL L SMITH JR

Address: 3724 N 18 ST

Phone: H: 402-451-0125 W:

Omaha Lead Site
Site Sketch
LBP Assessment

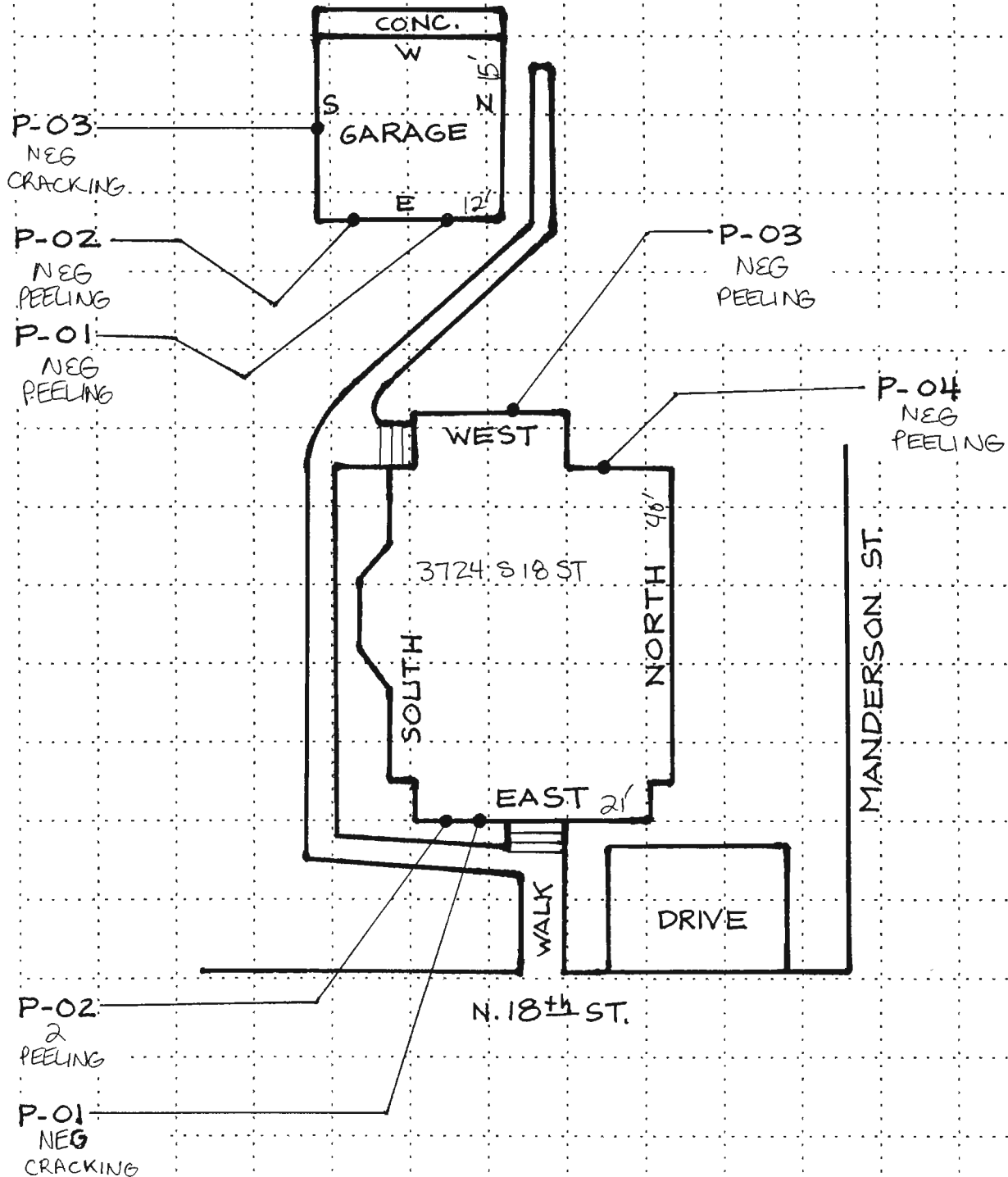
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





32744

Owner Name: CARL L SMITH JR

Omaha Lead Site
LBP Assessment

North Arrow

Address: 3724 N 18 ST

Phone: H: 402-451-0125 W:

Additional Notes

Surface Painted Area North = 80 ft²
South = 80 ft²
HOUSE East = 40 ft²
West = 40 ft²
Total Surface Painted Area = 240 ft²

Surface Painted Area North = 140 ft²
South = 140 ft²
GARAGE East = 160 ft²
West = 160 ft²
Total Surface Painted Area = 600 ft²

Omaha Lead Site Drip Zone Study

BVID: 33427

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-9-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
~~DZ 01~~	_____	-	☐	DZ 01-S - 33427	_____	2451	☐
~~DZ 02~~	_____	-	☐	DZ 02-S - 33427	_____	2146	☐
~~DZ 03~~	_____	-	☐	DZ 03-S - 33427	_____	2284	☐
DZ 04-E - 33427	_____	1831	☐	DZ 04-S - 33427	_____	2374	☐
DZ 05-E - 33427	_____	1795	☐	DZ 05-S - 33427	_____	1533	☐
DZ 06-E - 33427	_____	1282	☐	DZ 06-S - 33427	_____	1521	☐
DZ 07-E - 33427	_____	1223	☐	~~DZ 07-S - 33427~~	_____	1096	☐
DZ 08-E - 33427	_____	870	☐	DZ 08-S - 33427	_____	1198	☐
DZ 09-E - 33427	_____	870	☐	DZ 09-S - 33427	_____	1502	☐
DZ 10-E - 33427	_____	814	☐	DZ 10-S - 33427	_____	1054	☐
DZ 11-E - 33427	_____	811	☐	DZ 11-S - 33427	_____	907	☐
DZ 12-E - 33427	_____	684	☐	DZ 12-S - 33427	_____	756	☐
DZ 13-E - 33427	_____	542	☐	DZ 13-S - 33427	_____	734	☐
DZ 14-E - 33427	_____	600	☐	DZ 14-S - 33427	_____	603	☒
DZ 15-E - 33427	_____	650	☐	DZ 15-S - 33427	_____	670	☐
DZ 16-E - 33427	_____	545	☐	DZ 16-S - 33427	_____	511	☐
DZ 17-E - 33427	_____	571	☒	DZ 17-S - 33427	_____	484	☐
DZ 18-E - 33427	_____	631	☐	DZ 18-S - 33427	_____	555	☐
DZ 19-E - 33427	_____	555	☐	DZ 19-S - 33427	_____	496	☐
DZ 20-E - 33427	_____	417	☐	DZ 20-S - 33427	_____	446	☐
DZ 21-E - 33427	_____	382	☐	DZ 21-S - 33427	_____	397	☐

# of Samples: 17 1	# of Samples: 20 1
Lab Result DZ17-EL-33427 532 ppm	Lab Result DZ14-SL-33427 580 ppm

Rev 0.9a2

044701.01.23

BVID: 33427

Owner Name: Raydale Jones
 Address: 1812 LAIRD ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

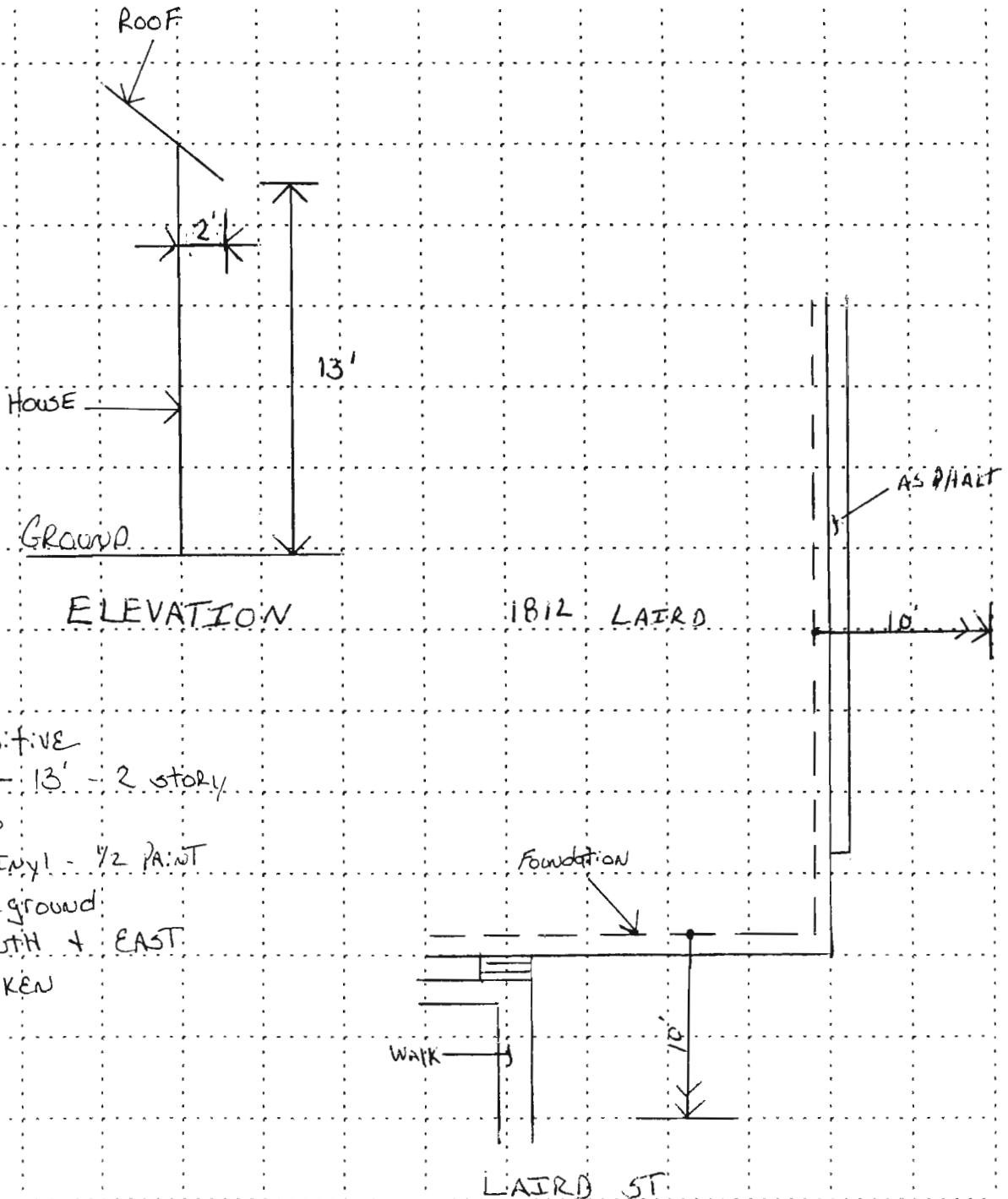
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- Positive
- 2' - 13' - 2 story
- NO
- 1/2 VINYL - 1/2 PAINT
- BARE ground
- SOUTH + EAST
- TAKEN

4300N



33427



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

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Property Access Granted By

Roemoyne D. Jones
(Please Print Name)

Roemoyne Jones
(property owner signature)

11-19-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS

☐ owner ☒ renter

Residence Address: 1812 LAIRD ST

OMAHA
(CITY)

NE
(STATE)

68110
(ZIP)

Property owned by ROEMOYN RAYDALE JONES

Owner's mailing address: 4215 BOYD ST
1812 LAIRD ST, OMAHA, NE 68111

Owner's telephone number - Home: 402-451-1086

Work: _____

Age of home? 94 years

How long have you lived here? (DORIS HASKINS) years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☒ No

Has the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: 5

List Ages: 10-9-4-28-27

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

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Access Attempts: Letter sent:

First: _____ Second: 8-15-05 10:56 Third: 11-3-05 3:27

msw jks

MSW

Omaha Lead Site

11-10-05
msw

10:11



Black & Veatch Special Projects Corp.

11-19-05 2:30pm
CT

46130.0103

FB 121

ASL



33427

Owner Name: RAYDALE JONES

Address: 1812 LAIRD ST

Phone: H: W:

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☒ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

Samples Collected

Firm: MES-A.H./K.H.

Date: 12/19/05

Time: 2:30 1:10

Samples Analyzed

XRF Unit: 1037 Book: 143

Date: 1-9-06

Time: pm

Staff: LA

Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-33427 F1	435 ppm	☒	☐
RYBSCPXA-33427 F2	446 ppm	☒	☐
RYCSCPXA-33427 B1	- ppm	☐	☐
RYDSCPXA-33427 B2 "M"	365 ppm	☒	☐
RDZSCPXA-33427 DZ	1501 ppm	☒	☐
RGZSCPXA-33427 GZ	- ppm	☐	☐
RPZSCPXA-33427 PZ	- ppm	☐	☐

Number of Samples = 4 0

ENTERED

JAN 03 2006

Prop. line at Drive end.

Drive

365 B2

Asp.

DZ = 1501

1812 Laird St.

DZ

DZ

F2

446

F1
435

walk

Laird St.

Alley



33427



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 1812 LAIRD ST

OMAHA NE 68110
(CITY) (STATE) (ZIP)

Owner Name: ROEMOYN JONES

Owner address: 4215 BOYD ST, OMAHA, NE 68114

Owner's telephone number - Home: 402-451-1086 Work: _____

Age of home: 96 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials: House 80% aluminum siding, 20% painted
(type of siding, and approximate % of exterior painted)

including window trim, soffits, porch steps, concrete foundation, siding

Description of conditions which could contribute to paint deterioration: no gutter system on S or E sides,
incomplete downspout on NW corner, missing siding on fascia on S side exposing
deteriorating paint**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND:

H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/19/05 Time: 1:35
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 33427	<u>NEG.</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>BROWN</u>	<u>1</u> ft ²
H - <u>S</u> - P - 02 - 33427	<u>NEG</u> mg/cm ²	<u>PORCH/STEP</u>	<u>CONCRETE</u>	<u>BROWN</u>	<u>3</u> ft ²
H - <u>E</u> - P - 03 - 33427	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONCRETE</u>	<u>BROWN</u>	<u>3</u> ft ²
H - <u>W</u> - P - 04 - 33427	<u>1</u> mg/cm ²	<u>DOOR/THRESHOLD</u>	<u>METAL</u>	<u>BROWN</u>	<u>4</u> ft ²
H - <u> </u> - P - 05 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 06 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 33427	_____ mg/cm ²	_____	_____	_____	_____ ft ²



33427

Owner Name: ROEMOYN JONES

Address: 1812 LAIRD ST

Phone: H: 402-451-1086 W:

Omaha Lead Site
Site Sketch
LBP Assessment

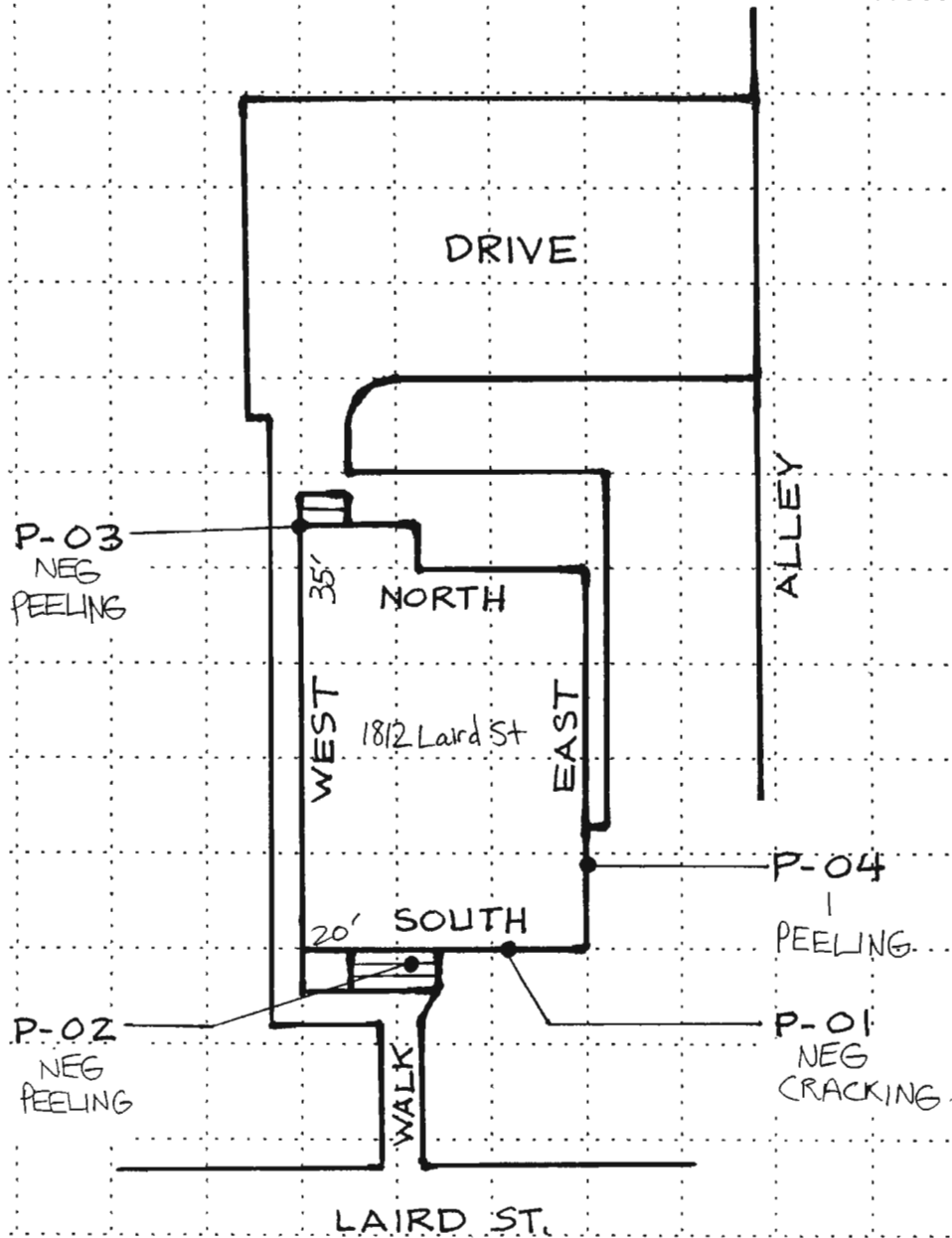
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





33427

Owner Name: ROEMOYN JONES

Omaha Lead Site
LBP Assessment

North Arrow

Address: 1812 LAIRD ST

Phone: H: 402-451-1086 W:

Additional Notes

Surface Painted Area North = 60 ft²
South = 175 ft²
East = 130 ft²
West = 80 ft²
Total Surface Painted Area = 445 ft²

Omaha Lead Site Drip Zone Study

BVID: 33601

In Situ Samples Analyzed		Ex Situ Samples Analyzed		Lab Samples Analyzed	
XRF Unit: _____	Book: _____	XRF Unit: <u>1037</u>	Book: <u>143</u>	ASR: _____	Date: _____
Date: _____	Time: _____	Date: <u>1-12-06</u>	Time: <u>PM</u>	Samples: _____	
Staff: _____		Staff: <u>LA</u>			

Overhang: _____					Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- ~~E~~ -33601		<u>322</u>	☐	0	DZ 01- ~~S~~ -33601		<u>363</u>	☐
DZ 02- ~~E~~ -33601		<u>245</u>	☐	6	DZ 02- ~~S~~ -33601		<u>341</u>	☐
DZ 03- ~~E~~ -33601		<u>222</u>	☐	12	DZ 03- ~~S~~ -33601		<u>261</u>	☐
~~DZ 04- -~~		<u>-</u>	☐	18	DZ 04- ~~S~~ -33601		<u>256</u>	☐
~~DZ 05- -~~		<u>-</u>	☐	24	DZ 05- ~~S~~ -33601		<u>211</u>	☐
~~DZ 06- -~~		<u>-</u>	☐	30	DZ 06- ~~S~~ -33601		<u>181</u>	☐
DZ 07- ~~E~~ -33601		<u>133</u>	☐	36	DZ 07- ~~S~~ -33601		<u>184</u>	☐
DZ 08- ~~E~~ -33601		<u>134</u>	☐	42	DZ 08- ~~S~~ -33601		<u>149</u>	☐
DZ 09- ~~E~~ -33601		<u>136</u>	☐	48	DZ 09- ~~S~~ -33601		<u>135</u>	☐
DZ 10- ~~E~~ -33601		<u>116</u>	☐	54	DZ 10- ~~S~~ -33601		<u>133</u>	☐
DZ 11- ~~E~~ -33601		<u>98</u>	☐	60	DZ 11- ~~S~~ -33601		<u>121</u>	☐
DZ 12- ~~E~~ -33601		<u>112</u>	☐	66	DZ 12- ~~S~~ -33601		<u>115</u>	☐
DZ 13- ~~E~~ -33601		<u>128</u>	☐	72	DZ 13- ~~S~~ -33601		<u>125</u>	☐
DZ 14- ~~E~~ -33601		<u>94</u>	☐	78	DZ 14- ~~S~~ -33601		<u>116</u>	☐
DZ 15- ~~E~~ -33601		<u>102</u>	☐	84	DZ 15- ~~S~~ -33601		<u>123</u>	☐
DZ 16- ~~E~~ -33601		<u>92</u>	☐	90	DZ 16- ~~S~~ -33601		<u>113</u>	☐
DZ 17- ~~E~~ -33601		<u>96</u>	☐	96	DZ 17- ~~S~~ -33601		<u>120</u>	☐
DZ 18- ~~E~~ -33601		<u>84</u>	☐	102	DZ 18- ~~S~~ -33601		<u>108</u>	☐
DZ 19- ~~E~~ -33601		<u>78</u>	☐	108	DZ 19- ~~S~~ -33601		<u>105</u>	☐
DZ 20- ~~E~~ -33601		<u>68</u>	☐	114	DZ 20- ~~S~~ -33601		<u>96</u>	☐
DZ 21- ~~E~~ -33601		<u>65</u>	☐	120	DZ 21- ~~S~~ -33601		<u>88</u>	☐

of Samples:

18

of Samples:

21

BVID: 33601

Owner Name: JOE L. TAYLOR

Address: 3166 SPRAGUE ST

Phone: H: W:

Omaha Lead Site
Site Sketch

Exterior Paint

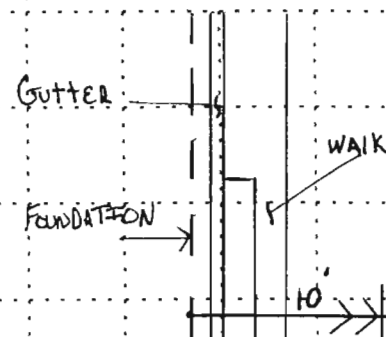
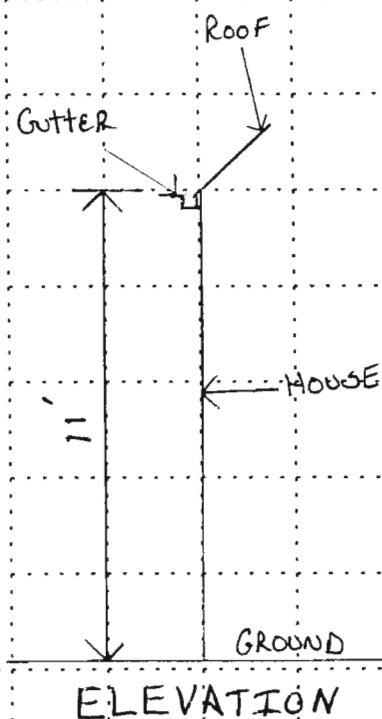
☐ Good☒ Poor☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



A. POSITIVE

B. 1 story, 4" overhang, 11'

C. Gutters, downspouts

D. PAINT

E. Bare ground, sidewalk

F. SOUTH & EAST

G. TAKEN

3166 SPRAGUE

Downspout

SPRAGUE ST

8600 N



33601



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

JOE TAYLOR

Joe L Taylor
(property Owner Signature)

(Please Print Name)

11-22-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS

☐ owner ☒ renter

Residence Address: 3166 SPRAGUE ST

OMAHA

NE

68111

(city)

(STATE)

(ZIP)

Property owned by JOE L TAYLOR

Owner's mailing address: 5255 TUCKER ST, OMAHA, NE 68111

Owner's telephone number - Home: 520-0119

Work:

Age of home? 55 years

How long have you lived here? 31 years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ No

Has the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: Vacant List Ages:

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11-3-05 5:31

Second: 11/10/05 12:30

Third: 11-25-05 2:00pm

MSW

MSW

11-22-05 MT
Sign 1:55
MSW

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

SB 134

ASW



33601

Owner Name: JOE L TAYLORAddress: 3166 SPRAGUE STPhone: H: 572-0119 W:Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☒ Poor☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-33601 F1	<u>125</u> ppm	☒	☐
RYBSCPXA-33601 F2	<u>91</u> ppm	☒	☐
RYCSCPXA-33601 B1	<u>73</u> ppm	☒	☐
RYDSCPXA-33601 B2	<u>64</u> ppm	☒	☐
RDZSCPXA-33601 DZ	<u>320</u> ppm	☒	☐
~~RGZSCPXA-33601 GZ~~	~~-~~ ppm	☐	☐
~~RPZSCPXA-33601 PZ~~	~~-~~ ppm	☐	☐

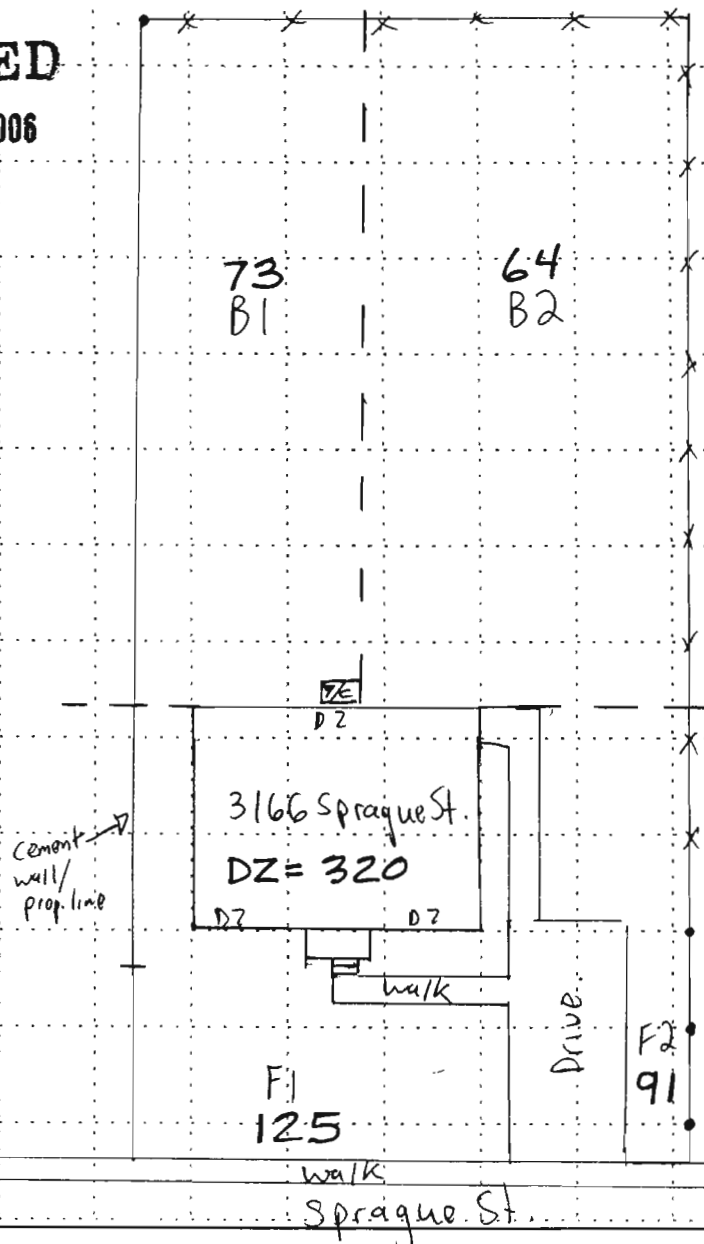
Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES-A.H./J.H.</u>
Date:	<u>12/20/05</u>
Time:	<u>11:00</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-12-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>

ENTERED

JAN 03 2006





33601



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-22-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 3166 SPRAGUE ST

OMAHA

NE

68111

(city)

(state)

(zip)

Owner Name: JOE L TAYLOR

Owner address: 5255 TUCKER ST, OMAHA, NE 68111

Owner's telephone number - Home: 402-572-0119

Work: _____

Age of home: 57 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House 100% painted

Description of conditions which could contribute to paint deterioration: Broken windows on E, N, & W sides.
Incomplete downspouts on NE, SE, & SW corners. Damaged gutter system on W side.**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



33601

LEGEND:

H - N - P - 01 - 12345

— BVID Number
 — Sample Number
 — Material: P = Paint
 — Side of Structure: N = North S = South E = East W = West
 — Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/20/05 Time: 11:20
 Staff: MES - A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 33601	<u>NEG</u> mg/cm ²	<u>PORCH/STEP</u>	<u>CONCRETE</u>	<u>BLACK</u>	<u>40</u> ft ²
H - <u>S</u> - P - 02 - 33601	<u>7</u> mg/cm ²	<u>DODR/FRAME</u>	<u>WOOD</u>	<u>BLACK</u>	<u>3</u> ft ²
H - <u>S</u> - P - 03 - 33601	<u>2</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>5</u> ft ²
H - <u>S</u> - P - 04 - 33601	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>BLACK</u>	<u>5</u> ft ²
H - <u>W</u> - P - 05 - 33601	<u>6</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>20</u> ft ²
H - <u>W</u> - P - 06 - 33601	<u>2</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>12</u> ft ²
H - <u>W</u> - P - 07 - 33601	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>5</u> ft ²
H - <u>N</u> - P - 08 - 33601	<u>1</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>7</u> ft ²
H - <u>N</u> - P - 09 - 33601	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>E</u> - P - 10 - 33601	<u>3</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>E</u> - P - 11 - 33601	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>BROWN</u>	<u>1</u> ft ²
H - <u>E</u> - P - 12 - 33601	<u>3</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>BLACK</u>	<u>1</u> ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²
<u>-</u> - <u>-</u> - P - <u>-</u> - 33601	mg/cm ²				ft ²



33601

Owner Name: JOE L TAYLOR

Address: 3166 SPRAGUE ST

Phone: H: 402-572-0119 W:

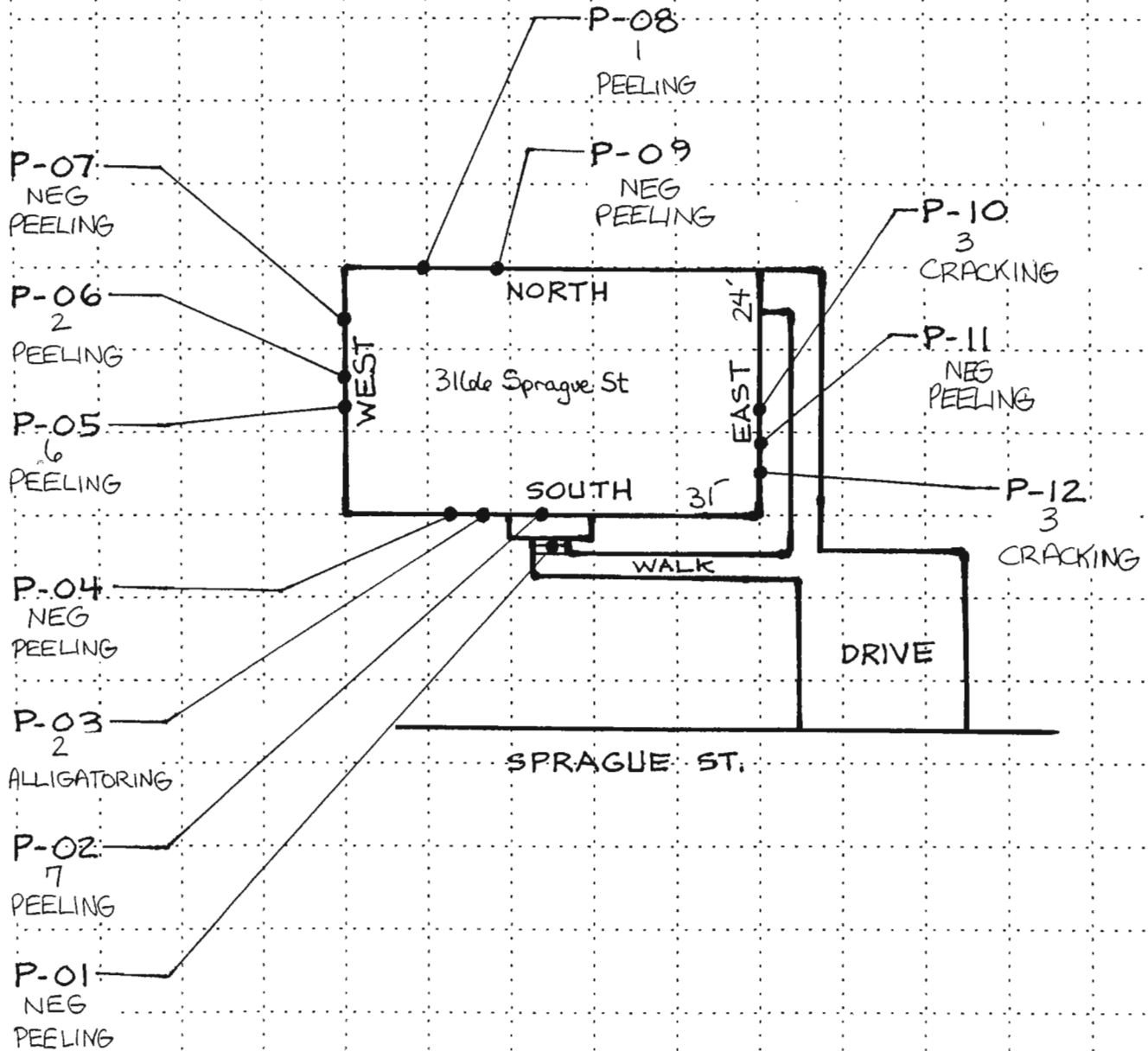
Omaha Lead Site
Site Sketch
LBP Assessment

North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure
Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





33601

Owner Name: JOE L TAYLORAddress: 3166 SPRAGUE STPhone: H: 402-572-0119 W: _____**Omaha Lead Site
LBP Assessment**

North Arrow

Additional Notes

Surface Painted Area North = 280 ft²South = 310 ft²East = 250 ft²West = 246 ft²Total Surface Painted Area = 1086 ft²

Omaha Lead Site Drip Zone Study

BVID: 36911

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-10-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- ~~E~~ - 36911		<u>90</u>	☐	DZ 01- ~~S~~ - 36911		<u>1426</u>	☐				
DZ 02- ~~E~~ - 36911		<u>45</u>	☐	DZ 02- ~~S~~ - 36911		<u>1151</u>	☐				
DZ 03- ~~E~~ - 36911		<u>95</u>	☒	DZ 03- ~~S~~ - 36911		<u>1306</u>	☐				
DZ 04- ~~E~~ - 36911		<u>283</u>	☐	~~DZ 04-S~~		<u>-</u>	☐				
DZ 05- ~~E~~ - 36911		<u>326</u>	☐	~~DZ 05~~		<u>-</u>	☐				
DZ 06- ~~E~~ - 36911		<u>266</u>	☐	~~DZ 06~~		<u>-</u>	☐				
DZ 07- ~~E~~ - 36911		<u>183</u>	☐	DZ 07- ~~S~~ - 36911		<u>466</u>	☐				
DZ 08- ~~E~~ - 36911		<u>217</u>	☐	DZ 08- ~~S~~ - 36911		<u>414</u>	☐				
DZ 09- ~~E~~ - 36911		<u>196</u>	☐	DZ 09- ~~S~~ - 36911		<u>335</u>	☐				
DZ 10- ~~E~~ - 36911		<u>185</u>	☐	DZ 10- ~~S~~ - 36911		<u>359</u>	☐				
DZ 11- ~~E~~ - 36911		<u>204</u>	☐	DZ 11- ~~S~~ - 36911		<u>396</u>	☐				
DZ 12- ~~E~~ - 36911		<u>263</u>	☐	DZ 12- ~~S~~ - 36911		<u>332</u>	☐				
DZ 13- ~~E~~ - 36911		<u>325</u>	☐	DZ 13- ~~S~~ - 36911		<u>240</u>	☒				
DZ 14- ~~E~~ - 36911		<u>358</u>	☐	DZ 14- ~~S~~ - 36911		<u>235</u>	☐				
DZ 15- ~~E~~ - 36911		<u>315</u>	☐	DZ 15- ~~S~~ - 36911		<u>228</u>	☐				
DZ 16- ~~E~~ - 36911		<u>350</u>	☐	DZ 16- ~~S~~ - 36911		<u>210</u>	☐				
DZ 17- ~~E~~ - 36911		<u>370</u>	☐	DZ 17- ~~S~~ - 36911		<u>203</u>	☐				
DZ 18- ~~E~~ - 36911		<u>384</u>	☐	DZ 18- ~~S~~ - 36911		<u>198</u>	☐				
DZ 19- ~~E~~ - 36911		<u>505</u>	☐	DZ 19- ~~S~~ - 36911		<u>182</u>	☐				
DZ 20- ~~E~~ - 36911		<u>593</u>	☐	DZ 20- ~~S~~ - 36911		<u>184</u>	☐				
DZ 21- ~~E~~ - 36911		<u>533</u>	☐	DZ 21- ~~S~~ - 36911		<u>156</u>	☐				

# of Samples: 20 1	# of Samples: 17 1
Lab Result: <u>DZ03-EL-36911</u> 85.1 ppm	Lab Result: <u>DZ13-SL-36911</u> 273 ppm

Rev 0.9a2

044701.01.23

BVID: 36911

Owner Name: TOM ENT
Address: 5324 N 26 ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

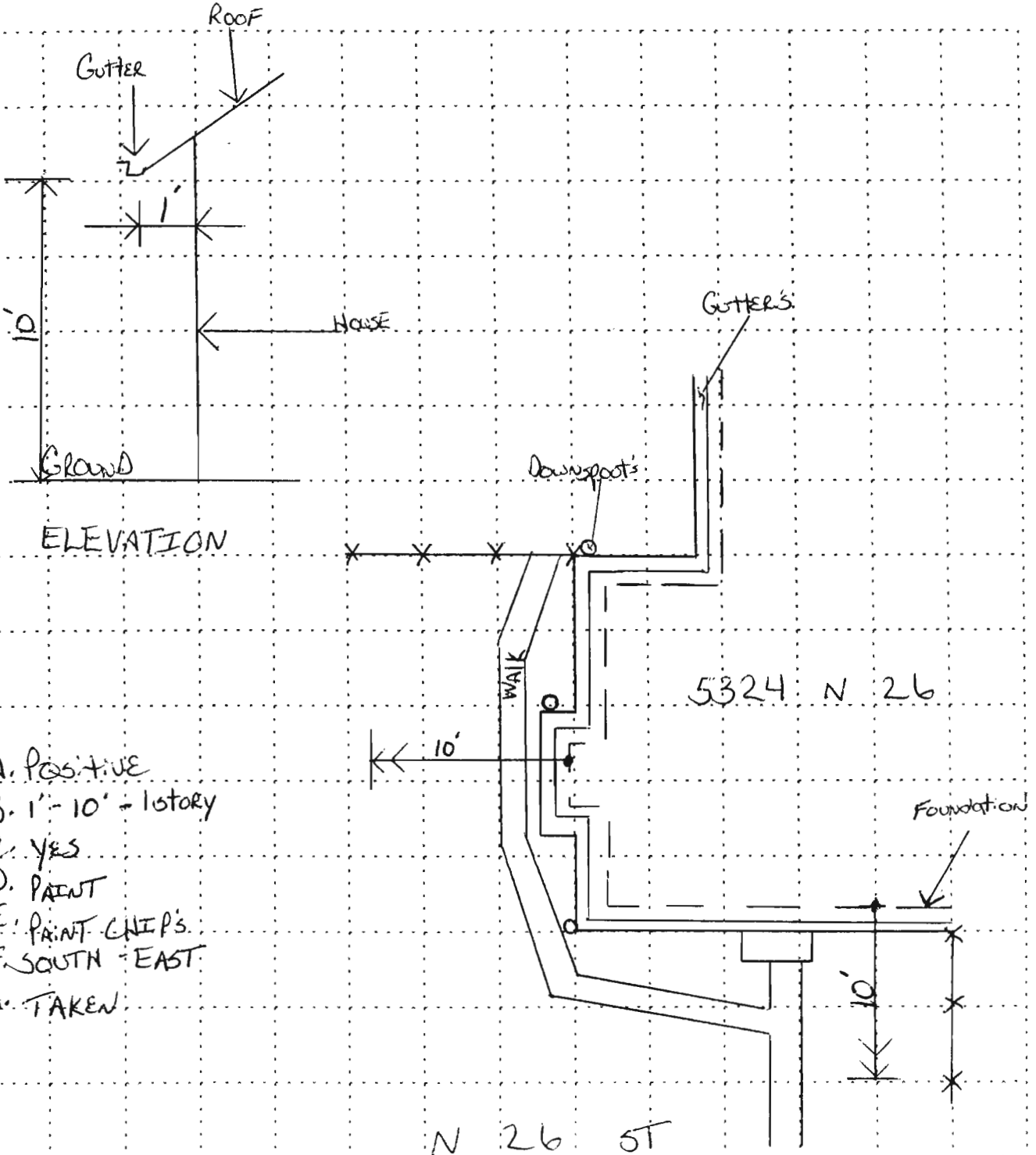
Exterior Paint
☐ Good
☒ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



A. POSITIVE
B. 1' - 10' - 1 story
C. YES
D. PAINT
E. PAINT CHIPS
F. SOUTH - EAST
G. TAKEN



36911



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Richard Hammond

(Please Print Name)

X Richard Hammond

(property Owner Signature)

Y 12-9-2005

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS Richard Hammond

X Owner X renter

Residence Address: 5324 N 26 ST

OMAHA

NE

68111

(city)

(STATE)

(ZIP)

Property owned by TOMENTLP SAME

Owner's mailing address: C/O OBED OAS PO BOX 53, BELLEVUE, NE 68005

5324 N 26 ST

Owner's telephone number - Home: 402-6129461 MKE

Work:

Age of home? 109 years

How long have you lived here? 2 years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: 2 List Ages: 49 - 26

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: 0

Comments: NEW OWNER

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 12.5.05 12:35pm MT Second: 12.7.05 3:15pm MT Third: 12.9.05 10:50am MT



ASW



36911

Owner Name: Richard Hammond
TOMENT LP
Address: 5324 N 26 ST
Phone: H: 612-9461 W: _____

Omaha Lead Site Site Sketch

Exterior Paint
☐ Good
☒ Poor
☐ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-36911 F1	<u>155</u> ppm	☒	☐
RYBSCPXA-36911 F2	<u>340</u> ppm	☒	☐
RYCSCPXA-36911 B1	<u>187</u> ppm	☒	☐
RYDSCPXA-36911 B2	<u>219</u> ppm	☒	☐
RDZSCPXA-36911 DZ	<u>514</u> ppm	☒	☐
~~RGZSCPXA-36911 GZ~~	~~—~~ ppm	☐	☐
~~RPZSCPXA-36911 PZ~~	~~—~~ ppm	☐	☐

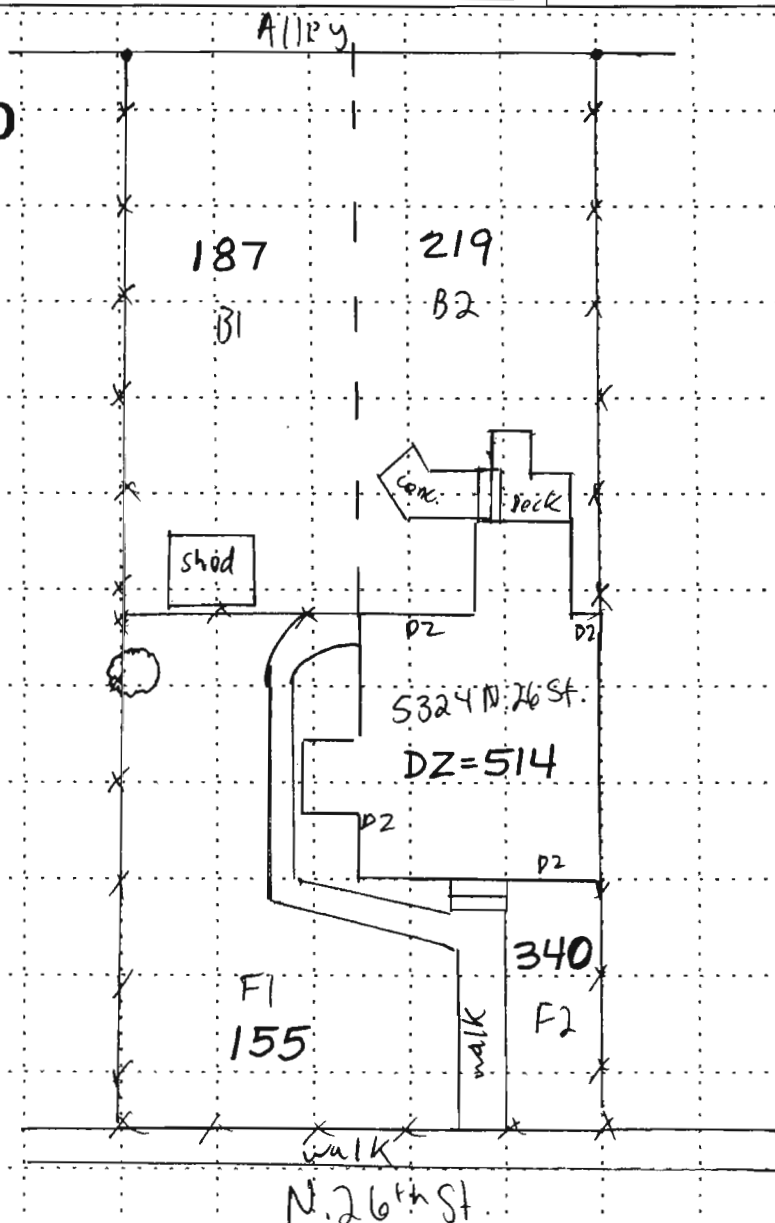
Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES-A.H./J.H.</u>
Date:	<u>12/22/05</u>
Time:	<u>9:05</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-10-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>

ENTERED

JAN 03 2006





36911



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-9-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: sameOwner Occupied? ☒ Yes ☐ NoResident Address: 5324 N 26 STOMAHA NE 68111
(CITY) (STATE) (ZIP)Owner Name: RICHARD HAMMONDOwner address: 5324 N 26 ST, OMAHA, NE 68111Owner's telephone number - Home: 402-612-9461 Work: _____Age of home: 111 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House 100% painted. Shed 100% paintedDescription of conditions which could contribute to paint deterioration: no downspout on SE corner**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/23/05 Time: 9:25
 Staff: MES - A.H. / J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>E</u> - P - 01 - 36911	<u>2</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BLUE</u>	<u>3</u> ft ²
H - <u>E</u> - P - 02 - 36911	<u>4</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>TAN</u>	<u>2</u> ft ²
H - <u>E</u> - P - 03 - 36911	<u>8</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>BLUE</u>	<u>7</u> ft ²
H - <u>S</u> - P - 04 - 36911	<u>4</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BLUE</u>	<u>8</u> ft ²
H - <u>S</u> - P - 05 - 36911	<u>NEG</u> mg/cm ²	<u>BOARDED WINDOW</u>	<u>WOOD</u>	<u>BLUE</u>	<u>12</u> ft ²
H - <u>S</u> - P - 06 - 36911	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>TAN</u>	<u>3</u> ft ²
H - <u>S</u> - P - 07 - 36911	<u>2</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u> </u> - P - 08 - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>S</u> - <u>N</u> - P - <u>1</u> - 36911	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>RED</u>	<u>1</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 36911	_____ mg/cm ²	_____	_____	_____	_____ ft ²



36911

Owner Name: RICHARD HAMMOND

Address: 5324 N 26 ST

Phone: H: 402-612-9461 W:

Omaha Lead Site
Site Sketch
LBP Assessment

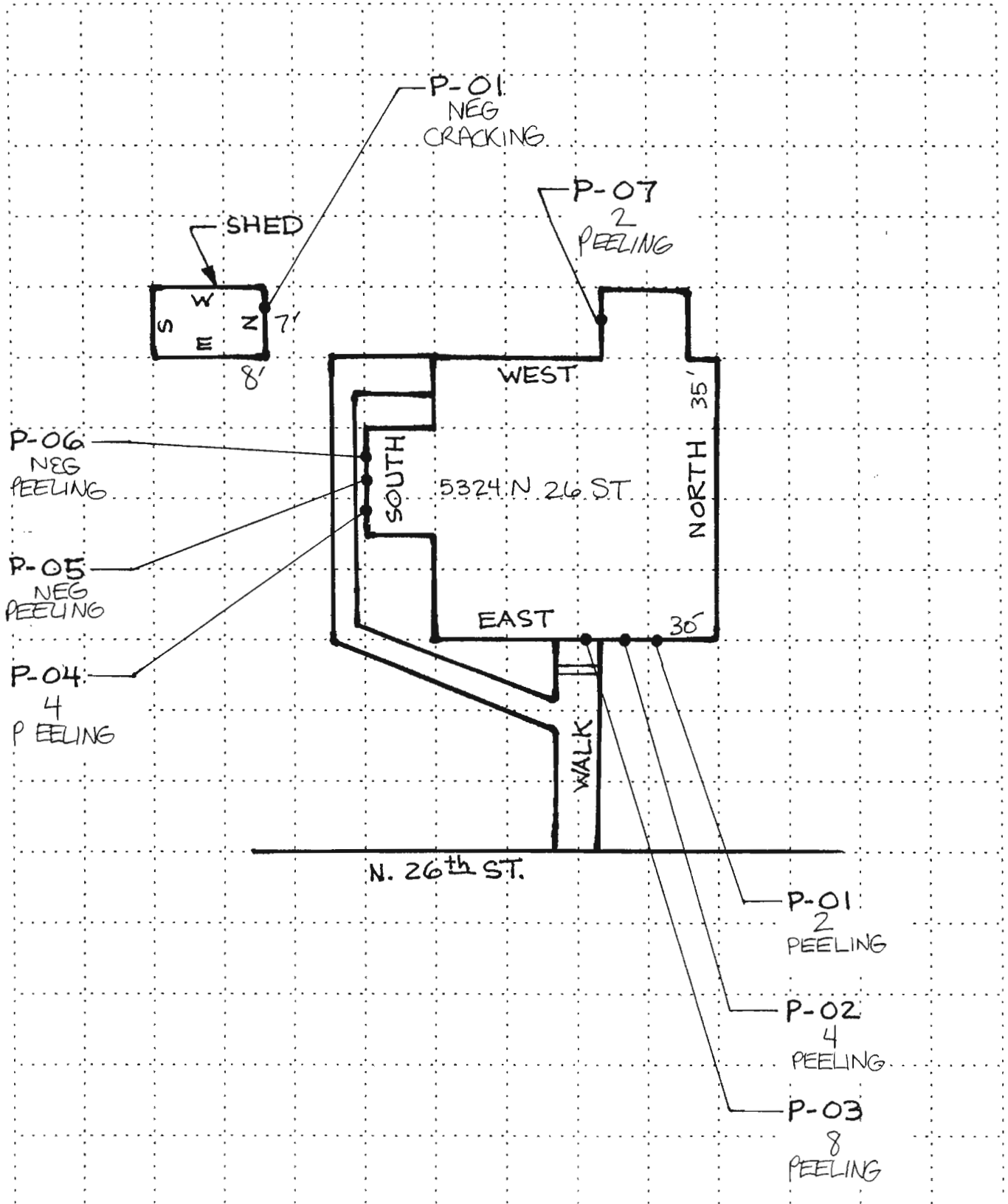
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





36911

Owner Name: RICHARD HAMMOND

Address: 5324 N 26 ST

Phone: H: 402-612-9461 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 250 ft²
South = 240 ft²
HOUSE East = 195 ft²
West = 190 ft²
Total Surface Painted Area = 875 ft²

Surface Painted Area North = 32 ft²
South = 32 ft²
SHED East = 40 ft²
West = 40 ft²
Total Surface Painted Area = 144 ft²

Omaha Lead Site Drip Zone Study

BVID: 37404

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-11-06</u>		Time: <u>Pm</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01-E - 37404		<u>351</u>	☐	DZ 01-N - 37404		<u>412</u>	☐				
DZ 02-E - 37404		<u>471</u>	☐	DZ 02-N - 37404		<u>588</u>	☐				
DZ 03-E - 37404		<u>1125</u>	☐	DZ 03-N - 37404		<u>1094</u>	☐				
DZ 04-E - 37404		<u>1754</u>	☐	DZ 04-N - 37404		<u>817</u>	☐				
DZ 05-E - 37404		<u>1309</u>	☐	DZ 05-N - 37404		<u>642</u>	☐				
DZ 06-E - 37404		<u>1263</u>	☒	DZ 06-N - 37404		<u>617</u>	☐				
DZ 07-E - 37404		<u>386</u>	☐	DZ 07-N - 37404		<u>652</u>	☐				
DZ 08-E - 37404		<u>526</u>	☐	DZ 08-N - 37404		<u>509</u>	☐				
DZ 09-E - 37404		<u>399</u>	☐	DZ 09-N - 37404		<u>471</u>	☐				
DZ 10-E - 37404		<u>288</u>	☐	DZ 10-N - 37404		<u>444</u>	☐				
DZ 11-E - 37404		<u>319</u>	☐	DZ 11-N - 37404		<u>413</u>	☐				
DZ 12-E - 37404		<u>242</u>	☐	DZ 12-N - 37404		<u>354</u>	☐				
DZ 13-E - 37404		<u>191</u>	☐	DZ 13-N - 37404		<u>357</u>	☐				
DZ 14-E - 37404		<u>195</u>	☐	DZ 14-N - 37404		<u>290</u>	☐				
DZ 15-E - 37404		<u>189</u>	☐	DZ 15-N - 37404		<u>319</u>	☒				
DZ 16-E - 37404		<u>156</u>	☐	DZ 16-N - 37404		<u>253</u>	☐				
DZ 17-E - 37404		<u>168</u>	☐	DZ 17-N - 37404		<u>285</u>	☐				
DZ 18-E - 37404		<u>168</u>	☐	DZ 18-N - 37404		<u>255</u>	☐				
DZ 19-E - 37404		<u>173</u>	☐	DZ 19-N - 37404		<u>228</u>	☐				
DZ 20-E - 37404		<u>152</u>	☐	DZ 20-N - 37404		<u>234</u>	☐				
DZ 20-E - 37404		<u>144</u>	☐	DZ 20-N - 37404		<u>177</u>	☐				

# of Samples: 20 1	# of Samples: 20 1
Lab Result DZ06-EL-37404 1720 ppm	Lab Result DZ15-NL-37404 379 ppm

Rev 0.9a2

044701.01.23

BVID: 37404

Owner Name: FREDERICK PERRY JRAddress: 2907 ELLISON

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

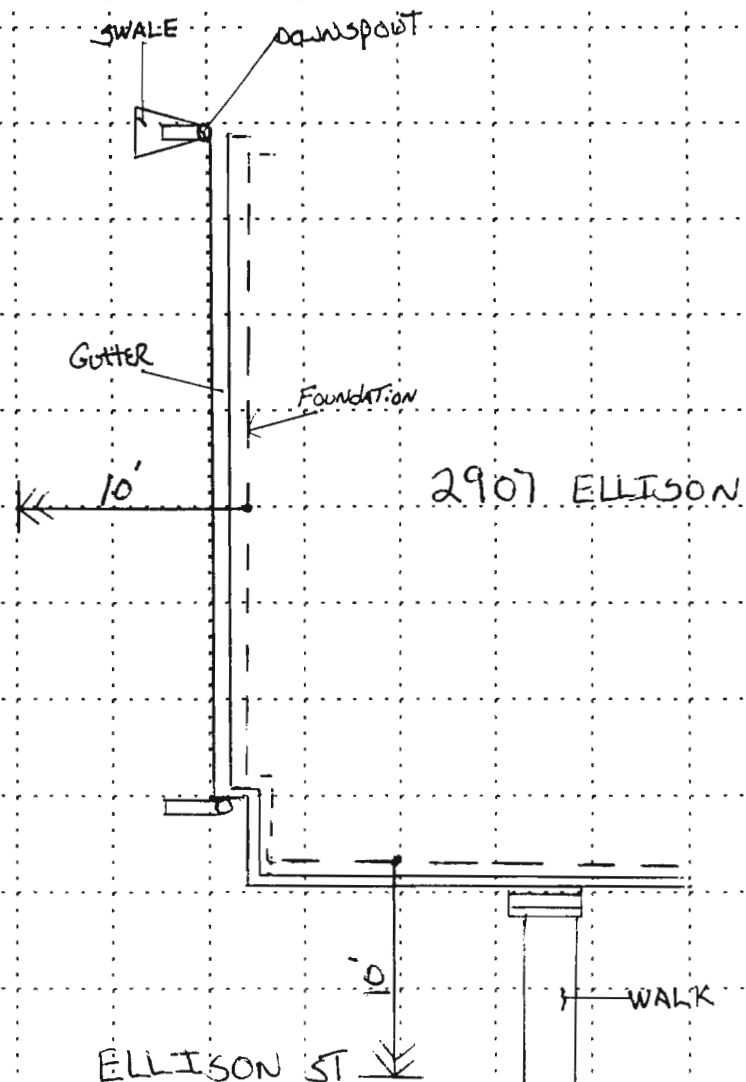
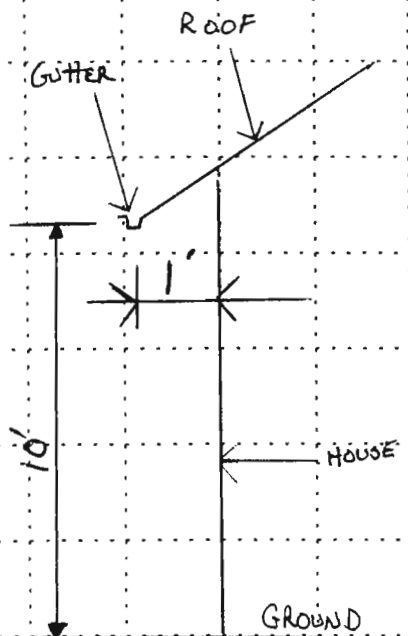
☒ Good☐ Poor☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 2 story - N-1, E-1, 10'
- YES
- PAINT
- BARE GROUND
- EAST & NORTH
- TAKEN

5400 W



37404



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

FRED PERRY

(Please Print Name)

[Signature]

(Property Owner Signature)

11.19.05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: SAME

☒ owner ☐ renter

Residence Address: 2907 ELLISON AV

OMAHA
(City)

NE
(STATE)

68111
(ZIP)

Property owned by FREDERICK E PERRY JR

Owner's mailing address: 2907 ELLISON AVE, OMAHA, NE 68111

Owner's telephone number - Home: Work:

Age of home? 94 years How long have you lived here? years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☒ No

Has the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: 4 List Ages:

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 08/15/05 1:00 Second: 09/15/05 3:11 Third: 09/15/05 10:17-05

msw / KS

msw

msw

Omaha Lead Site



Black & Veatch Special Projects Corp.

FB 121

11-19-05 4:00
CT

46130 0103

ASW



37404

Owner Name: FREDERICK E PERRY JR

Address: 2907 ELLISON AV

Phone: H: W:

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow

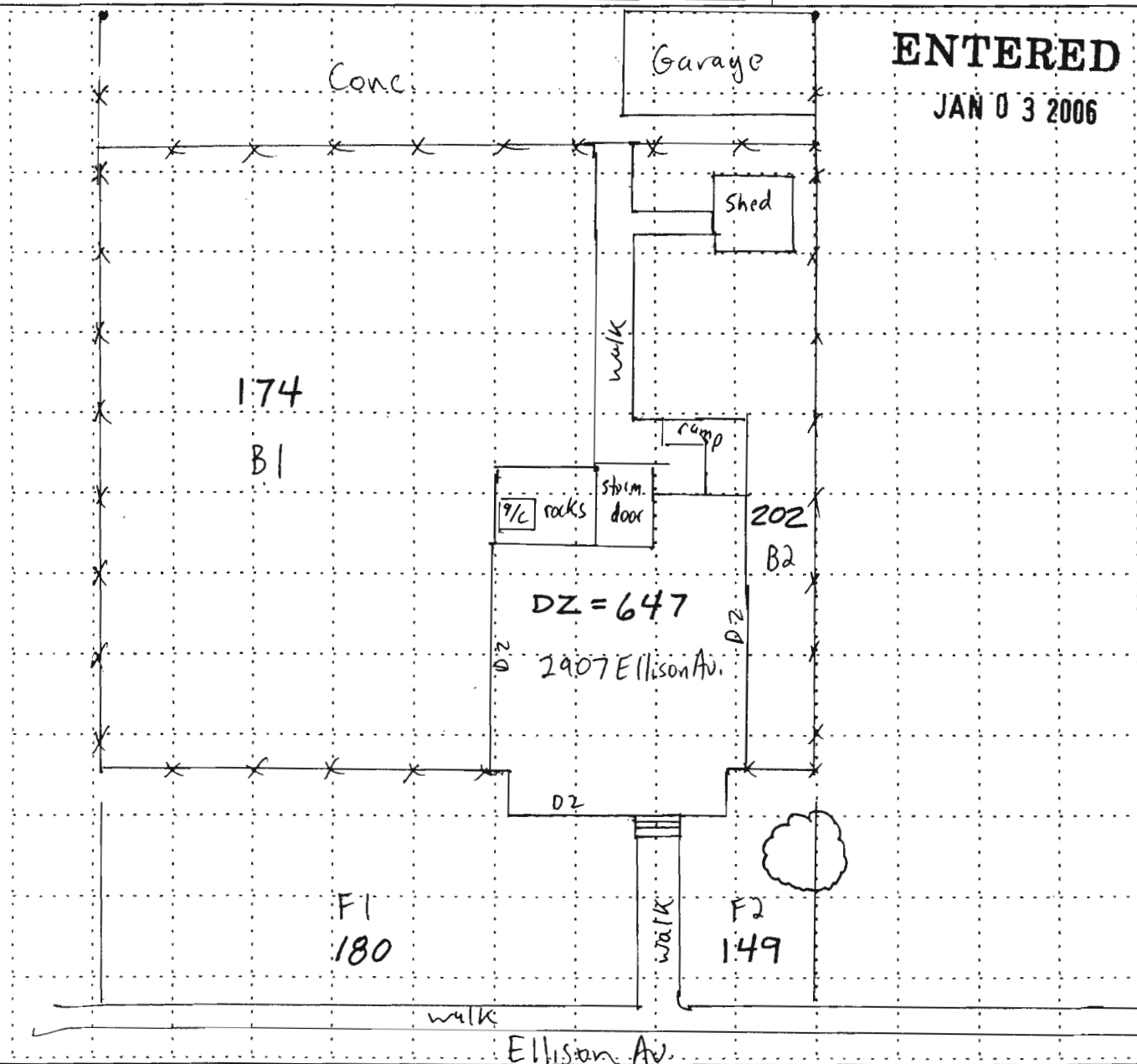


Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-37404 F1	<u>180</u> ppm	☒	☐
RYBSCPXA-37404 F2	<u>149</u> ppm	☒	☐
RYCSCPXA-37404 B1	<u>174</u> ppm	☒	☐
RYDSCPXA-37404 B2	<u>202</u> ppm	☒	☐
RDZSCPXA-37404 DZ	<u>647</u> ppm	☒	☐
~~RGZSCPXA-37404 -GZ~~	<u>-</u> ppm	☐	☐
~~RPZSCPXA-37404 -PZ~~	<u>-</u> ppm	☐	☐

Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES-A.H./J.H.</u>
Date:	<u>12/20/05</u>
Time:	<u>9:40</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-11-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>





37404



U S Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: sameOwner Occupied? ☒ Yes ☐ NoResident Address: 2907 ELLISON AV

<u>OMAHA</u>	<u>NE</u>	<u>68111</u>
(CITY)	(STATE)	(ZIP)

Owner Name: FREDERICK E PERRY JROwner address: 2907 ELLISON AVE, OMAHA, NE 68111

Owner's telephone number - Home: _____ Work: _____

Age of home: 96 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House 100% painted; Garage 100% paintedDescription of conditions which could contribute to paint deterioration: none**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____

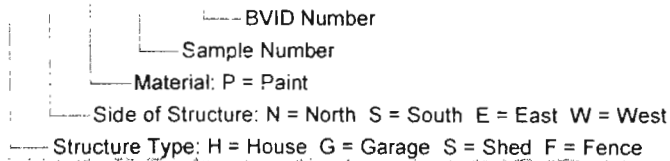


Omaha Lead Site LBP Assessment



37404

LEGEND: H - N - P - 01 - 12345



Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/20/05 Time: 10:10
 Staff: MES - A.H. / J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 37404	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 02 - 37404	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>N</u> - P - 03 - 37404	<u>NEG</u> mg/cm ²	<u>PORCH</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 04 - 37404	<u>27</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>E</u> - P - 05 - 37404	<u>23</u> mg/cm ²	<u>TRIM</u>	<u>WOOD</u>	<u>BROWN</u>	<u>3</u> ft ²
H - <u>E</u> - P - 06 - 37404	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>BROWN</u>	<u>1</u> ft ²
H - <u>S</u> - P - 07 - 37404	<u>NEG</u> mg/cm ²	<u>STORM DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H - <u>S</u> - P - 08 - 37404	<u>31</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>5</u> ft ²
H - <u>W</u> - P - 09 - 37404	<u>3</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>W</u> - P - 10 - 37404	<u>25</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>10</u> ft ²
H - <u> </u> - P - 11 - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>N</u> - P - <u>1</u> - 37404	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>10</u> ft ²
<u>G</u> - <u>N</u> - P - <u>2</u> - 37404	<u>NEG</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37404	_____ mg/cm ²	_____	_____	_____	_____ ft ²



37404

Owner Name: FREDERICK E PERRY JRAddress: 2907 ELLISON AV

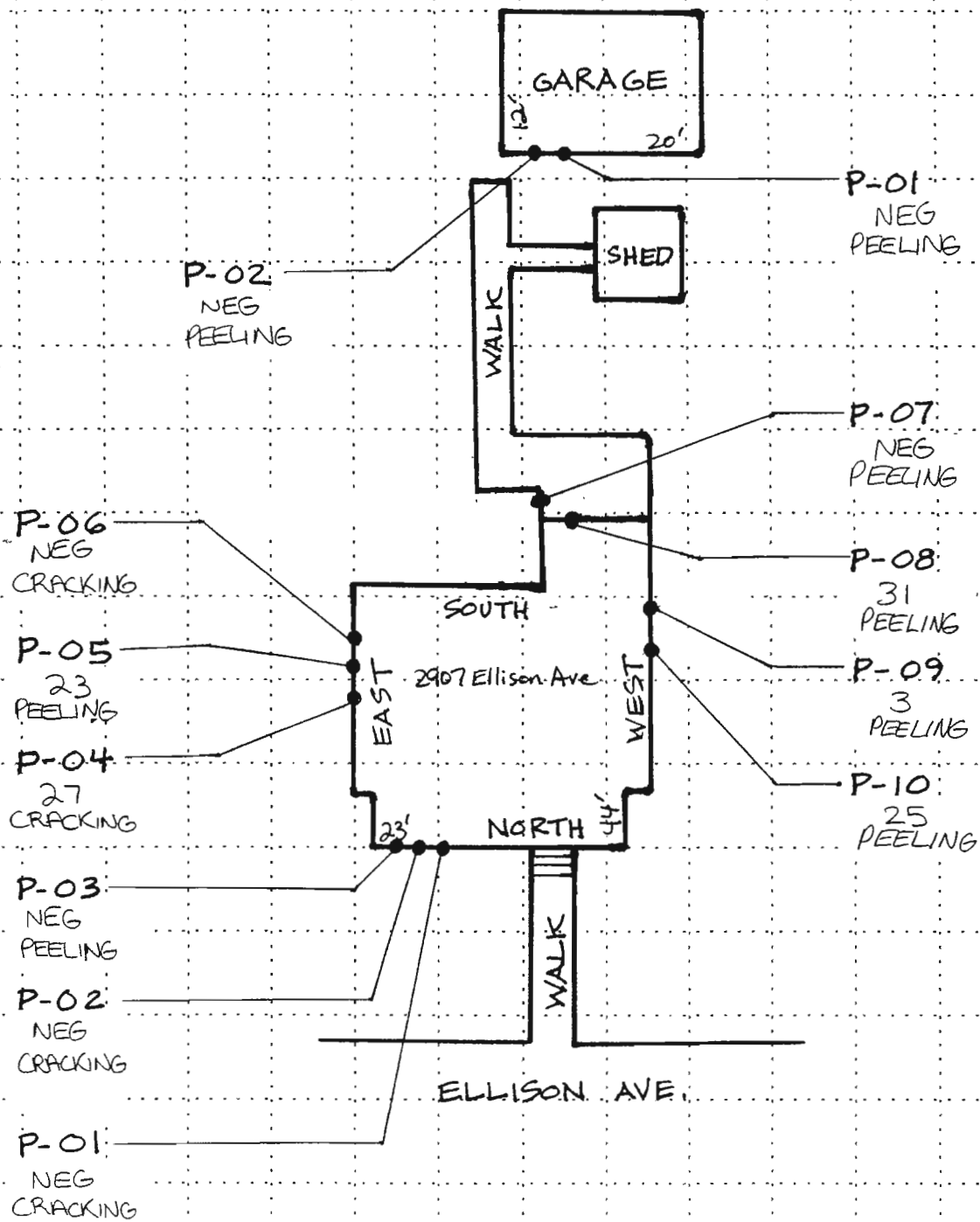
Phone: H: _____ W: _____

Omaha Lead Site
LBP Assessment

North Arrow



Additional Notes





37404

Owner Name: FREDERICK E PERRY JRAddress: 2907 ELLISON AV

Phone: H: _____ W: _____

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

Plan View - Indicate number of stories and perimeter dimensions of structure**Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)

Surface Painted Area North = 244 ft²
South = 420 ft²
HOUSE East = 455 ft²
West = 468 ft²
Total Surface Painted Area = 1587 ft²

Surface Painted Area North = 230 ft²
South = 230 ft²
GARAGE East = 120 ft²
West = 120 ft²
Total Surface Painted Area = 700 ft²

SEE OTHER SEE

Omaha Lead Site Drip Zone Study

BVID: 37459

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-9-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
~~DZ 01-E~~	_____	<u>—</u>	☐	0	DZ 01-N-37459	<u>2224</u>	☐
~~DZ 02-E~~	_____	<u>—</u>	☐	6	DZ 02-N-37459	<u>1478</u>	☐
~~DZ 03-E~~	_____	<u>—</u>	☐	12	DZ 03-N-37459	<u>2446</u>	☐
~~DZ 04-E~~	_____	<u>—</u>	☐	18	~~DZ 04-~~	<u>—</u>	☐
~~DZ 05-E~~	_____	<u>—</u>	☐	24	~~DZ 05-~~	<u>—</u>	☐
DZ 06-E-37459	_____	<u>863</u>	☐	30	~~DZ 06-~~	<u>—</u>	☐
DZ 07-E-37459	_____	<u>675</u>	☐	36	DZ 07-N-37459	<u>1084</u>	☐
DZ 08-E-37459	_____	<u>659</u>	☐	42	DZ 08-N-37459	<u>1296</u>	☒
DZ 09-E-37459	_____	<u>4310</u>	☐	48	DZ 09-N-37459	<u>1350</u>	☐
DZ 10-E-37459	_____	<u>6365</u>	☐	54	DZ 10-N-37459	<u>926</u>	☐
DZ 11-E-37459	_____	<u>4966</u>	☐	60	DZ 11-N-37459	<u>923</u>	☐
DZ 12-E-37459	_____	<u>2228</u>	☒	66	DZ 12-N-37459	<u>948</u>	☐
DZ 13-E-37459	_____	<u>2573</u>	☐	72	DZ 13-N-37459	<u>892</u>	☐
DZ 14-E-37459	_____	<u>1131</u>	☐	78	DZ 14-N-37459	<u>1125</u>	☐
DZ 15-E-37459	_____	<u>1395</u>	☐	84	DZ 15-N-37459	<u>1135</u>	☐
DZ 16-E-37459	_____	<u>669</u>	☐	90	DZ 16-N-37459	<u>1213</u>	☐
DZ 17-E-37459	_____	<u>384</u>	☐	96	DZ 17-N-37459	<u>1394</u>	☐
DZ 18-E-37459	_____	<u>354</u>	☐	102	DZ 18-N-37459	<u>1580</u>	☐
DZ 19-E-37459	_____	<u>610</u>	☐	108	DZ 19-N-37459	<u>2101</u>	☐
DZ 20-E-37459	_____	<u>229</u>	☐	114	DZ 20-N-37459	<u>2444</u>	☐
DZ 21-E-37459	_____	<u>207</u>	☐	120	DZ 21-N-37459	<u>2138</u>	☐

# of Samples: 15 1	# of Samples: 17 1
Lab Result DZ12-EL-37459 2200 ppm	Lab Result DZ08-NL-37459 1480 ppm

Rev 0.9a2

044701.01.23

BVID: 31459

Owner Name: MM & L INT
 Address: 5524 N 27 ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

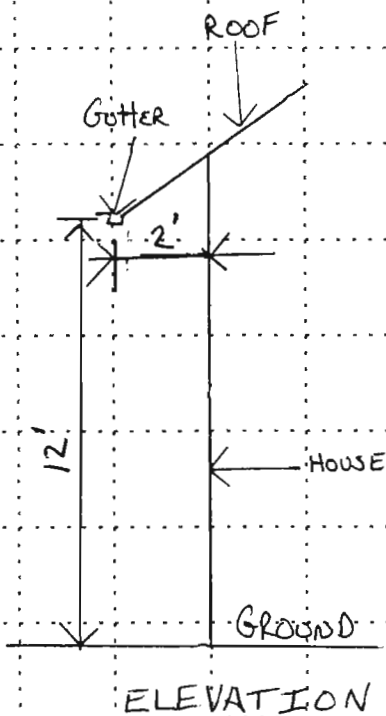
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



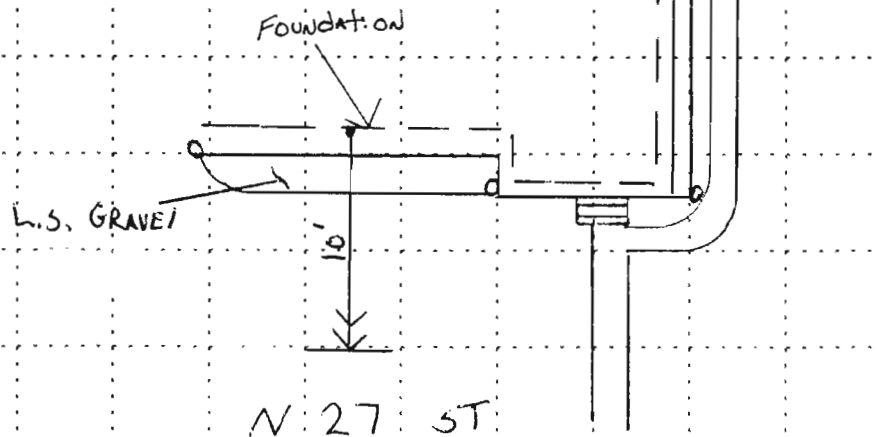
Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



5524 N 27

- POSITIVE
- 2' - 12' - 1 story
- YES
- PAINT
- GRAVEL
- NORTH + EAST
- TAKEN





37459



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Michael A Davis
(Please Print Name)X Michael A Davis
(property Owner Signature)5524 N 27 ST
(date)11-30-05

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:

SAME☒ owner ☐ renterResidence Address: 5524 N 27 STOMAHA
(CITY)NE
(STATE)68111
(ZIP)Property owned by MM AND L INTERNATIONAL CORP MICHAEL A DAVISOwner's mailing address: 5524 N 27 ST
PO BOX 12334 FLORENCE STATION, OMAHA, NE 68112

Owner's telephone number - Home:

Work:

Age of home? 79 yearsHow long have you lived here? 1 yearsHas the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ NoTotal number of occupants: 2 List Ages: 20's

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments: NEW OWNER**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11-30-05 8:45 AM

Second:

Third:

MT SIGNEDASW



37459

Owner Name: MM AND L INTERNATIONALAddress: 5524 N 27 ST

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

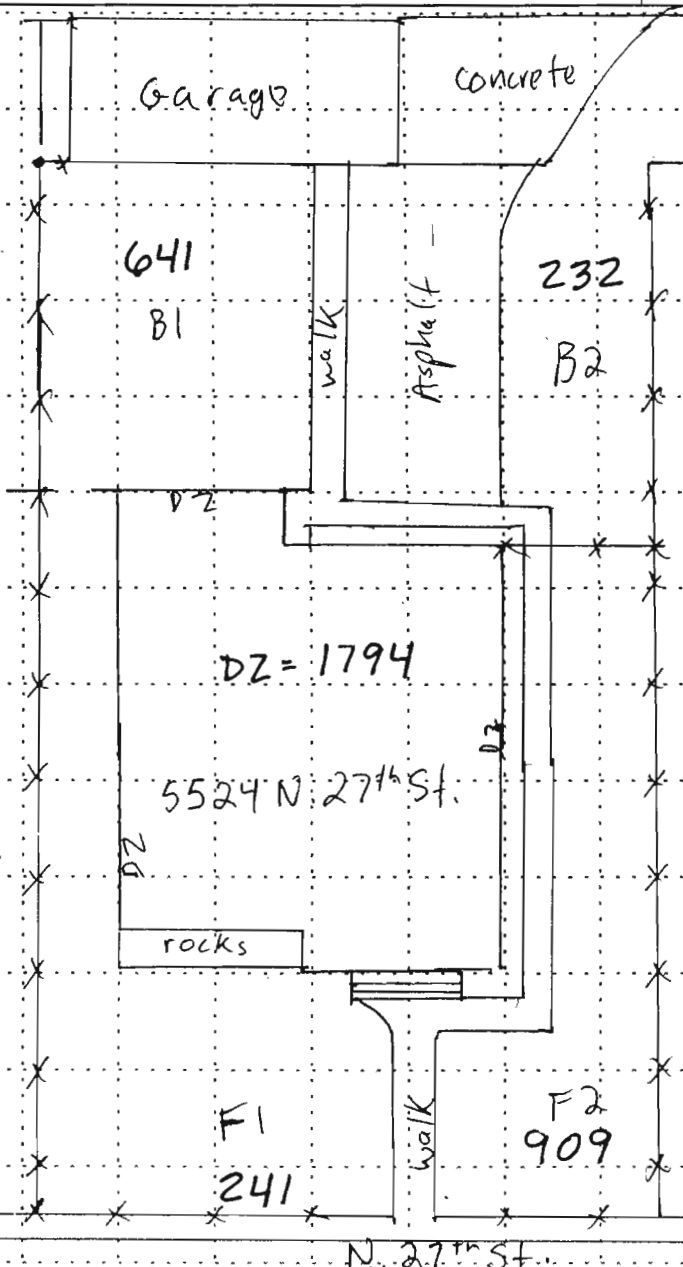
RYASCPXA-37459	F1	<u>241</u> ppm	☒	☐
RYBSCPXA-37459	F2	<u>909</u> ppm	☒	☐
RYCSCPXA-37459	B1	<u>641</u> ppm	☒	☐
RYDSCPXA-37459	B2	<u>232</u> ppm	☒	☐
RDZSCPXA-37459	DZ	<u>1794</u> ppm	☒	☐
RGZSCPXA-37459	GZ	- ppm	☐	☐
RPZSCPXA-37459	PZ	- ppm	☐	☐

Number of Samples = 5 0

Samples Collected

Firm: MES-A.H./J.H.Date: 12/19/05Time: 8:45

Samples Analyzed

XRF Unit: 1037 Book: 144Date: 1-9-06Time: PMStaff: LA

ENTERED

JAN 03 2006



37459



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-30-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: sameOwner Occupied? ☒ Yes ☐ NoResident Address: 5524 N 27 STOMAHA NE 68111
(CITY) (STATE) (ZIP)Owner Name: MICHAEL A DAVISOwner address: 5524 N 27 ST, OMAHA, NE 68111

Owner's telephone number - Home: _____ Work: _____

Age of home: 81 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House 100% painted. Garage 100% paintedDescription of conditions which could contribute to paint deterioration: no splash blacks on E side**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



37459

LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/19/05 Time: 9:10
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H-E-P-01-37459	NEG mg/cm ²	PORCH STEPS	WOOD	BLUE	10 ft ²
H-E-P-02-37459	NEG mg/cm ²	FOUNDATION	CONC.	BLUE	1 ft ²
H-E-P-03-37459	13 mg/cm ²	WINDOW/TRIM	WOOD	BLUE	1 ft ²
H-E-P-04-37459	10 mg/cm ²	SIDING	WOOD	WHITE	5 ft ²
H-N-P-05-37459	27 mg/cm ²	SIDING/TRIM	WOOD	BLUE	1 ft ²
H-N-P-06-37459	21 mg/cm ²	SIDING	WOOD	WHITE	1 ft ²
H-_-P-07-37459	mg/cm ²				ft ²
H-_-P-08-37459	mg/cm ²				ft ²
H-_-P-09-37459	mg/cm ²				ft ²
H-_-P-10-37459	mg/cm ²				ft ²
H-_-P-11-37459	mg/cm ²				ft ²
H-_-P-12-37459	mg/cm ²				ft ²
G-W-P-1-37459	NEG mg/cm ²	SIDING	WOOD	WHITE	5 ft ²
G-W-P-2-37459	17 mg/cm ²	SIDING	WOOD	WHITE	10 ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²
-_-P-_-37459	mg/cm ²				ft ²



37459

Owner Name: MICHAEL A DAVIS

Address: 5524 N 27 ST

Phone: H: W:

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure
Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligatoring, blistering and/or peeling)

P-02
17
PEELING

P-01
NEG
PEELING

GARAGE

CONC.

18'

12'

WALK

ASPHALT

WEST

SOUTH

5524 N 27 ST

NORTH

23'

EAST

38'

P-05
27
ALLIGATORING

P-06
21
ALLIGATORING

P-04
10
ALLIGATORING

P-03
13
ALLIGATORING

P-02
NEG
CRACKING

P-01
NEG
PEELING

N. 27th ST.



37459

Owner Name: MICHAEL A DAVIS

Address: 5524 N 27 ST

Phone: H: W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 420 ft²
South = 415 ft²
HOUSE East = 305 ft²
West = 315 ft²
Total Surface Painted Area = 1455 ft²

Surface Painted Area North = 70 ft²
South = 140 ft²
GARAGE East = 160 ft²
West = 160 ft²
Total Surface Painted Area = 530 ft²

Omaha Lead Site Drip Zone Study

BVID: 37506

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-10-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E - 37506</u>		<u>960</u>	☐	DZ 01- <u>N - 37506</u>		<u>1071</u>	☐				
DZ 02- <u>E - 37506</u>		<u>633</u>	☐	DZ 02- <u>N - 37506</u>		<u>1015</u>	☐				
DZ 03- <u>E - 37506</u>		<u>623</u>	☐	DZ 03- <u>N - 37506</u>		<u>1065</u>	☐				
DZ 04- <u>E - 37506</u>		<u>599</u>	☐	DZ 04- <u>N - 37506</u>		<u>851</u>	☐				
DZ 05- <u>E - 37506</u>		<u>473</u>	☐	DZ 05- <u>N - 37506</u>		<u>922</u>	☐				
DZ 06- <u>E - 37506</u>		<u>616</u>	☐	~~DZ 06- -~~		<u>-</u>	☐				
DZ 07- <u>E - 37506</u>		<u>348</u>	☐	DZ 07- <u>N - 37506</u>		<u>770</u>	☐				
DZ 08- <u>E - 37506</u>		<u>303</u>	☐	DZ 08- <u>N - 37506</u>		<u>766</u>	☐				
DZ 09- <u>E - 37506</u>		<u>236</u>	☐	DZ 09- <u>N - 37506</u>		<u>601</u>	☐				
DZ 10- <u>E - 37506</u>		<u>235</u>	☐	DZ 10- <u>N - 37506</u>		<u>543</u>	☐				
DZ 11- <u>E - 37506</u>		<u>270</u>	☒	DZ 11- <u>N - 37506</u>		<u>434</u>	☐				
DZ 12- <u>E - 37506</u>		<u>253</u>	☐	DZ 12- <u>N - 37506</u>		<u>321</u>	☐				
DZ 13- <u>E - 37506</u>		<u>199</u>	☐	DZ 13- <u>N - 37506</u>		<u>293</u>	☒				
DZ 14- <u>E - 37506</u>		<u>187</u>	☐	DZ 14- <u>N - 37506</u>		<u>261</u>	☐				
DZ 15- <u>E - 37506</u>		<u>179</u>	☐	DZ 15- <u>N - 37506</u>		<u>265</u>	☐				
DZ 16- <u>E - 37506</u>		<u>172</u>	☐	DZ 16- <u>N - 37506</u>		<u>245</u>	☐				
DZ 17- <u>E - 37506</u>		<u>165</u>	☐	DZ 17- <u>N - 37506</u>		<u>274</u>	☐				
DZ 18- <u>E - 37506</u>		<u>179</u>	☐	DZ 18- <u>N - 37506</u>		<u>208</u>	☐				
DZ 19- <u>E - 37506</u>		<u>158</u>	☐	DZ 19- <u>N - 37506</u>		<u>211</u>	☐				
DZ 20- <u>E - 37506</u>		<u>171</u>	☐	DZ 20- <u>N - 37506</u>		<u>190</u>	☐				
DZ 21- <u>E - 37506</u>		<u>146</u>	☐	DZ 20- <u>N - 37506</u>		<u>196</u>	☐				

# of Samples: 20 1	# of Samples: 19 1

Lab Result <u>DZ11-EL-37506</u> 251 ppm	Lab Result <u>DZ13-NL-37506</u> 277 ppm

Rev 0.9a2 044701.01.23

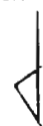
BVID: 37506

Owner Name: SARAH JACKSON
 Address: 2427 ELLISON AV
 Phone: H: _____ W: _____

Omaha Lead Site Sketch

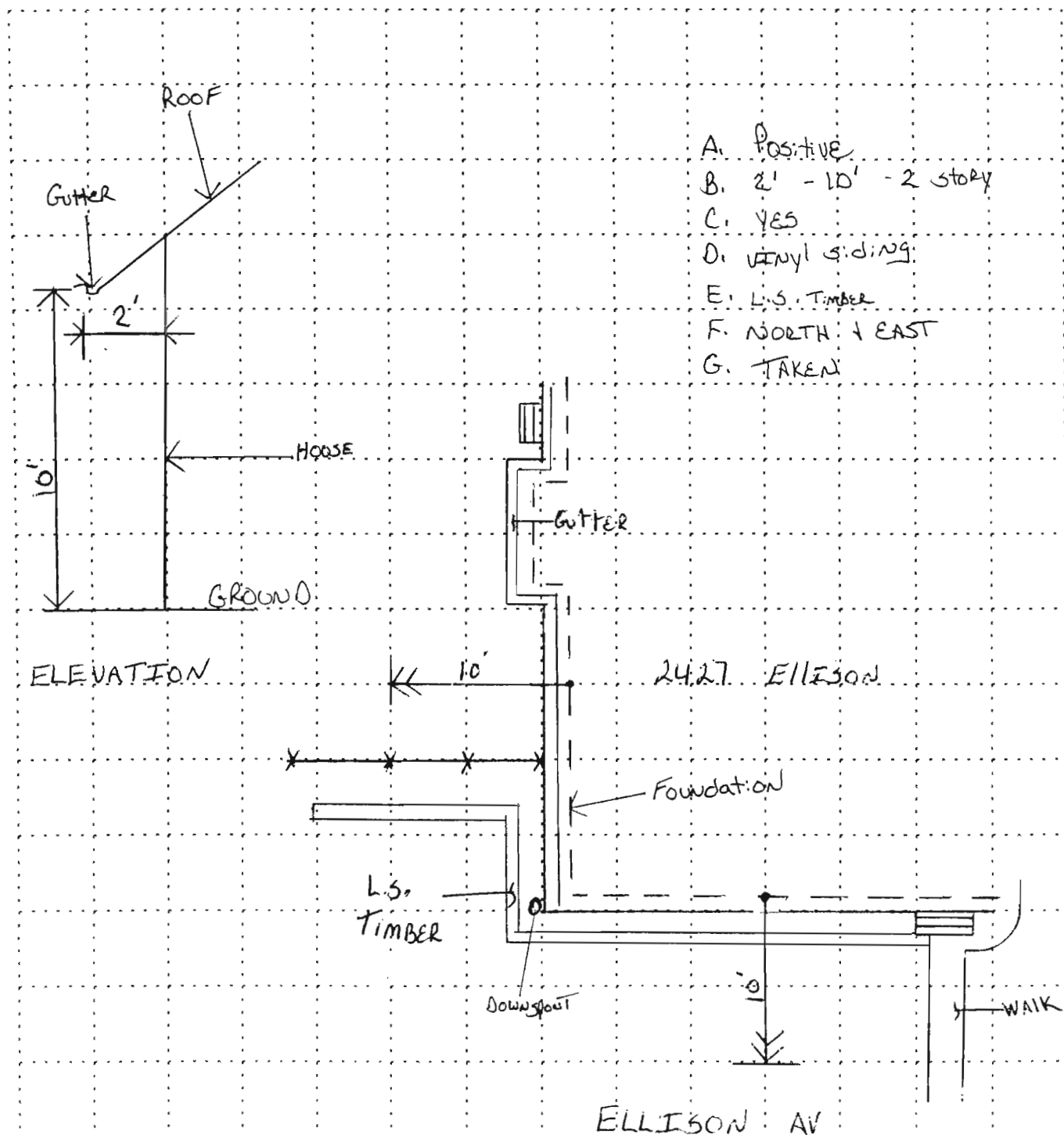
Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.





37506



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Sarah Jackson
(property Owner Signature)

X Sarah Jackson
(Please Print Name)

X 12/5/05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: TENANTS SAME☒ owner ☒ renterResidence Address: 2427 ELLISON AVOMAHANE68111

(city)

(STATE)

(ZIP)

Property owned by SARAH JACKSONOwner's mailing address: ~~C/O HERR BLOCK PO BOX 59096~~ 2427 ELLISON AVE OMAHA, NE 68111 IRVINE CA 92619Owner's telephone number - Home: 932-2469

Work: _____

Age of home? 91 yearsHow long have you lived here? 6 yearsHas the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ NoTotal number of occupants: 5 List Ages: All AdultsList ages of occupants under 6 years old who play in the yard for 5 or more hours per week: NO

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent: _____

First: 12-5-05 12:55 pm Second: _____

Third: _____

MT SIGNEDASW



37506

Owner Name: SARAH JACKSON

Address: 2427 ELLISON AV

Phone: H: 932-2469 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

Samples Collected

Firm: MES-A.H./J.H.

Date: 12/19/05

Time: 9:50

Samples Analyzed

XRF Unit: 1037 Book: 143

Date: 1-10-06

Time: PM

Staff: LA

Number of Samples =

5

0

Garage

ENTERED

JAN 03 2006

156

B1

146

B2

conc.

B2

shed

Porch

2427 Ellison Av.

DZ = 990

DZ

F1

210

walk

F2

350

walk

Ellison Av.



37506



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-5-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: SameOwner Occupied? ☒ Yes ☐ NoResident Address: 2427 ELLISON AVOMAHA NE 68111
(CITY) (STATE) (ZIP)Owner Name: SARAH JACKSONOwner address: 2427 ELLISON AVE, OMAHA, NE 68111Owner's telephone number - Home: 402-932-2469

Work: _____

Age of home: 93 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House 95% vinyl siding, 5% painted including porch steps, porch ledge, porch window trim, concrete foundation. Garage & Shed 100% paintDescription of conditions which could contribute to paint deterioration: no splash blocks**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/19/05 Time: 10:15
 Staff: MES - A.H. / J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 37506	<u>5</u> mg/cm ²	<u>PORCH/STEP</u>	<u>WOOD</u>	<u>BLUE-GREEN</u>	<u>50</u> ft ²
H - <u>N</u> - P - 02 - 37506	<u>NEG</u> mg/cm ²	<u>FRONT LEDGE</u>	<u>WOOD</u>	<u>GRAY</u>	<u>15</u> ft ²
H - <u>N</u> - P - 03 - 37506	<u>8</u> mg/cm ²	<u>STEP/STRINGER</u>	<u>WOOD</u>	<u>BLUE</u>	<u>5</u> ft ²
H - <u>E</u> - P - 04 - 37506	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>W</u> - P - 05 - 37506	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u> </u> - P - 06 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>N</u> - P - <u>1</u> - 37506	<u>NEG</u> mg/cm ²	<u>GARAGE/DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
<u>G</u> - <u>N</u> - P - <u>2</u> - 37506	<u>NEG</u> mg/cm ²	<u>DOOR/FRAME</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
<u>G</u> - <u>E</u> - P - <u>3</u> - 37506	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>12</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>S</u> - <u>E</u> - P - <u>1</u> - 37506	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>10</u> ft ²
<u>S</u> - <u>E</u> - P - <u>2</u> - 37506	<u>NEG</u> mg/cm ²	<u>DOOR/FRAME</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 37506	_____ mg/cm ²	_____	_____	_____	_____ ft ²



37506

Owner Name: SARAH JACKSON

Address: 2427 ELLISON AV

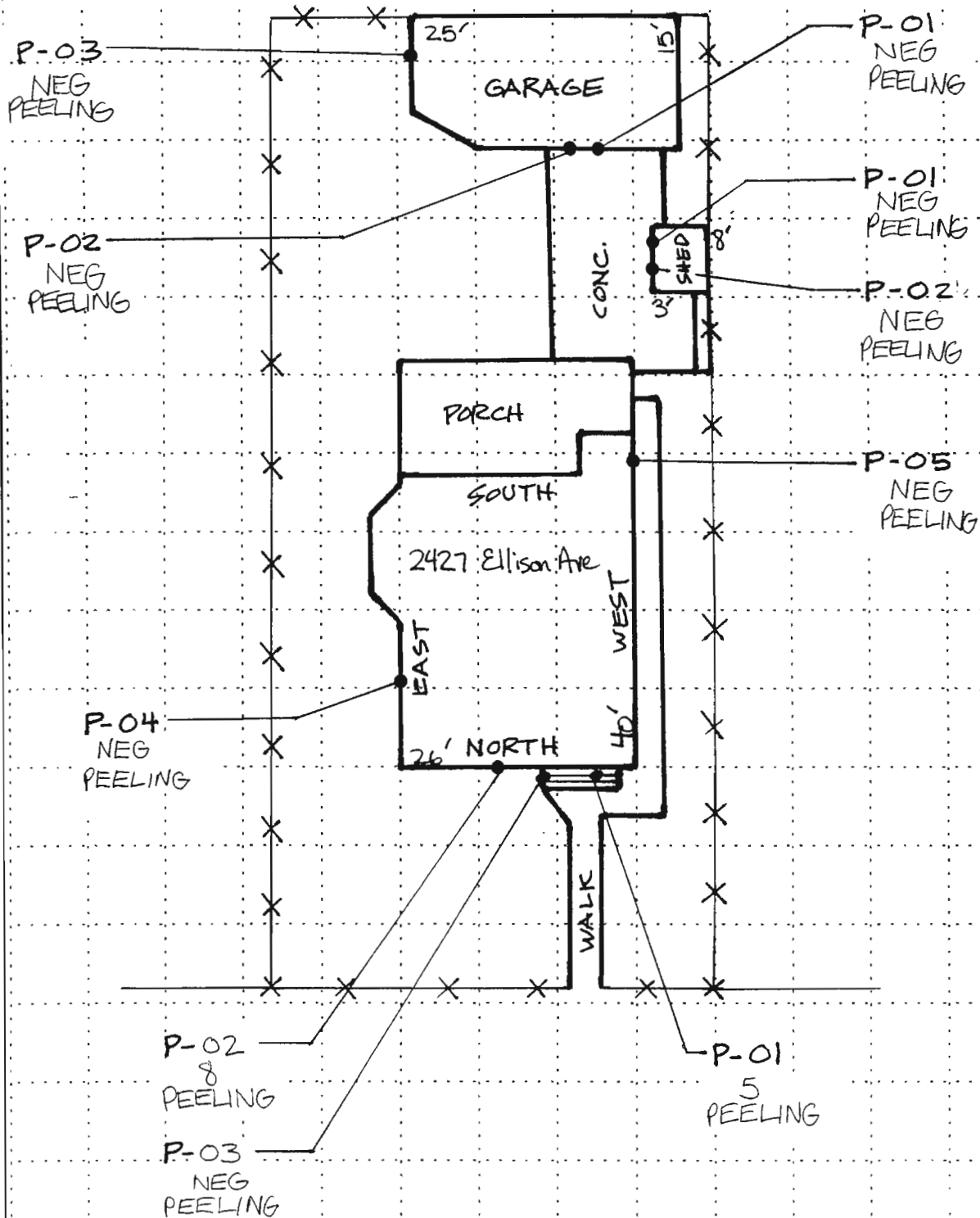
Phone: H: 402-932-2469 W:

Omaha Lead Site
LBP Assessment

North Arrow



Additional Notes





37506

Owner Name: SARAH JACKSON

Address: 2427 ELLISON AV

Phone: H: 402-932-2469 W:

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

Plan View - Indicate number of stories and perimeter dimensions of structure**Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)

Surface Painted Area North = 80 ft²
South = 20 ft²
HOUSE East = 70 ft²
West = 70 ft²
Total Surface Painted Area = 240 ft²

Surface Painted Area North = 175 ft²
South = 175 ft²
GARAGE East = 115 ft²
West = 115 ft²
Total Surface Painted Area = 580 ft²

SEE OTHER SIDE

Surface Painted Area North = 12 ft²
South = 12 ft²
SHED East = 72 ft²
West = 72 ft²
Total Surface Painted Area = 168 ft²

Omaha Lead Site Drip Zone Study

BVID: 49066

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-13-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01- <u>E - 49066</u>		<u>232</u>	☐	DZ 01- <u>S - 49066</u>		<u>122</u>	☐				
DZ 02- <u>E - 49066</u>		<u>294</u>	☐	DZ 02- <u>S - 49066</u>		<u>100</u>	☐				
DZ 03- <u>E - 49066</u>		<u>211</u>	☐	DZ 03- <u>S - 49066</u>		<u>155</u>	☐				
DZ 04- <u>E - 49066</u>		<u>200</u>	☐	DZ 04- <u>S - 49066</u>		<u>178</u>	☐				
DZ 05- <u>E - 49066</u>		<u>181</u>	☐	DZ 05- <u>S - 49066</u>		<u>606</u>	☐				
DZ 06- <u>E - 49066</u>		<u>165</u>	☐	DZ 06- <u>S - 49066</u>		<u>160</u>	☐				
DZ 07- <u>E - 49066</u>		<u>183</u>	☐	DZ 07- <u>S - 49066</u>		<u>169</u>	☐				
DZ 08- <u>E - 49066</u>		<u>239</u>	☐	DZ 08- <u>S - 49066</u>		<u>190</u>	☐				
DZ 09- <u>E - 49066</u>		<u>156</u>	☐	DZ 09- <u>S - 49066</u>		<u>143</u>	☐				
DZ 10- <u>E - 49066</u>		<u>145</u>	☐	DZ 10- <u>S - 49066</u>		<u>209</u>	☐				
DZ 11- <u>E - 49066</u>		<u>181</u>	☐	DZ 11- <u>S - 49066</u>		<u>163</u>	☐				
DZ 12- <u>E - 49066</u>		<u>171</u>	☐	DZ 12- <u>S - 49066</u>		<u>164</u>	☐				
DZ 13- <u>E - 49066</u>		<u>264</u>	☐	DZ 13- <u>S - 49066</u>		<u>190</u>	☐				
DZ 14- <u>E - 49066</u>		<u>306</u>	☐	DZ 14- <u>S - 49066</u>		<u>173</u>	☐				
DZ 15- <u>E - 49066</u>		<u>153</u>	☐	DZ 15- <u>S - 49066</u>		<u>163</u>	☐				
DZ 16- <u>E - 49066</u>		<u>157</u>	☐	DZ 16- <u>S - 49066</u>		<u>184</u>	☐				
DZ 17- <u>E - 49066</u>		<u>172</u>	☐	DZ 17- <u>S - 49066</u>		<u>160</u>	☐				
DZ 18- <u>E - 49066</u>		<u>170</u>	☐	DZ 18- <u>S - 49066</u>		<u>181</u>	☐				
DZ 19- <u>E - 49066</u>		<u>172</u>	☐	DZ 19- <u>S - 49066</u>		<u>140</u>	☐				
DZ 20- <u>E - 49066</u>		<u>188</u>	☐	DZ 20- <u>S - 49066</u>		<u>167</u>	☐				
DZ 21- <u>E - 49066</u>		<u>151</u>	☐	DZ 21- <u>S - 49066</u>		<u>129</u>	☐				

# of Samples:	<u>21</u>	☐	# of Samples:	<u>21</u>	☐

Owner Name: THOMAS POISELAddress: 4721 S 18 ST

Phone: H: _____ W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

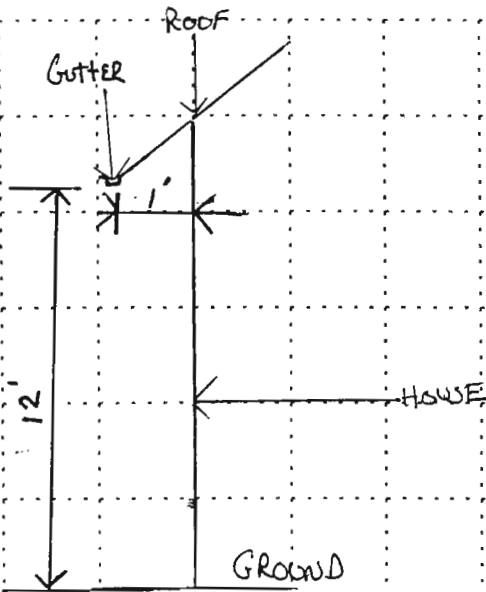
☒ Good☐ Poor☐ Not paint

North Arrow

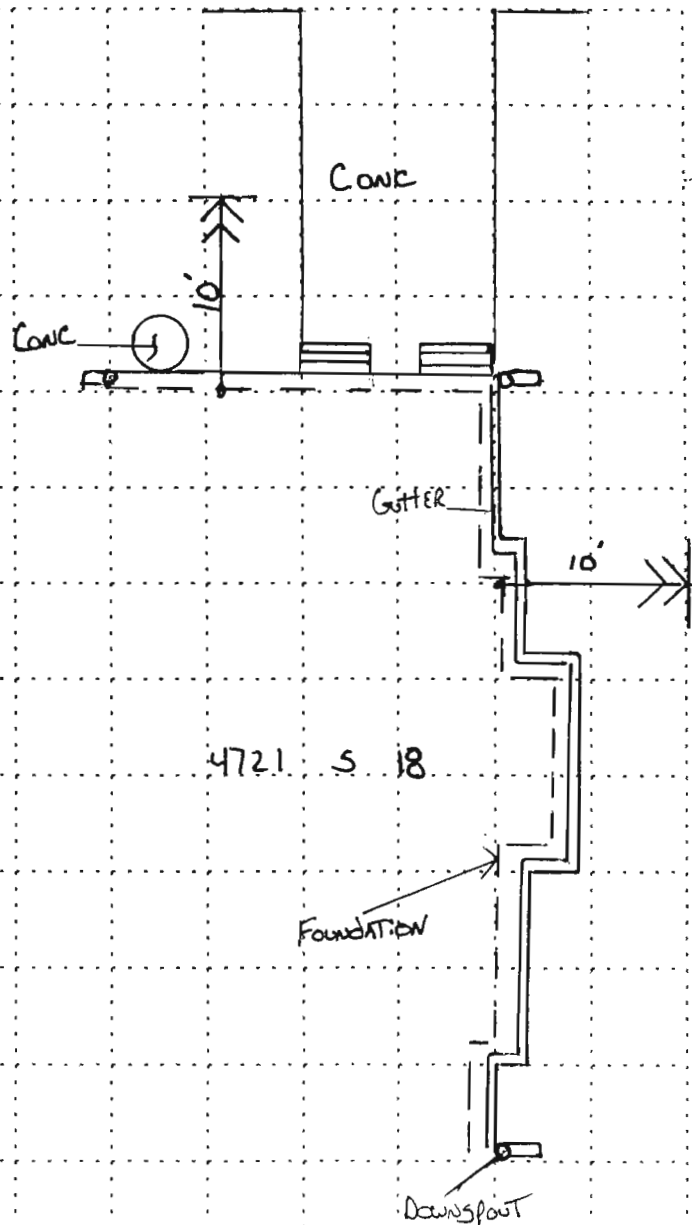


Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



ELEVATION



- POSITIVE
- 1' - 12' - 1 story
- YES
- WOOD SHINGLES. PAINT
- BARE GROUND
- EAST & SOUTH
- TAKEN

S 18 ST

12500
5

49066



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

Giovanna Zermeno

(Please Print Name)

11-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: Sama

☒ owner ☐ renter

Residence Address: 4721 S 18 ST

OMAHA

NE

68107

(CITY)

(STATE)

(ZIP)

New Owner
Property owned by THOMAS J POISEL Giovanna ZermenoOwner's mailing address: ~~13502 CARPENTER ST, OMAHA, NE 68138~~ 4721 S 18 ST

Owner's telephone number - Home: C 850-6690

Work:

Age of home? 112 years

How long have you lived here? 2 months years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: 3 List Ages: adults - 2 kids - 1 16 months

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: 1 - 16 months

Comments:

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 11-7-05 3:14 Second: 11-15-05 5:19 Third: 11-16-05 1:49
msw msw mswOmaha Lead Site
FB134

Black & Veatch Special Projects Corp.

11-19-05 2:42
msw

46130.0103



49066

Owner Name: Giovanna ZevmenoAddress: 4721 S 18 STPhone: H: 850-6690 W:
cellOmaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-49066	F1	<u>131</u> ppm	☒	☐
RYBSCPXA-49066	F2	<u>106</u> ppm	☒	☐
RYCSCPXA-49066	B1	<u>262</u> ppm	☒	☐
RYDSCPXA-49066	B2	<u>146</u> ppm	☒	☐
RDZSCPXA-49066	DZ	<u>189</u> ppm	☒	☐
~~RGZSCPXA-49066~~	~~GZ~~	~~-~~ ppm	☐	☐
~~RPZSCPXA-49066~~	~~PZ~~	~~-~~ ppm	☐	☐

Number of Samples = 5 0

Samples Collected

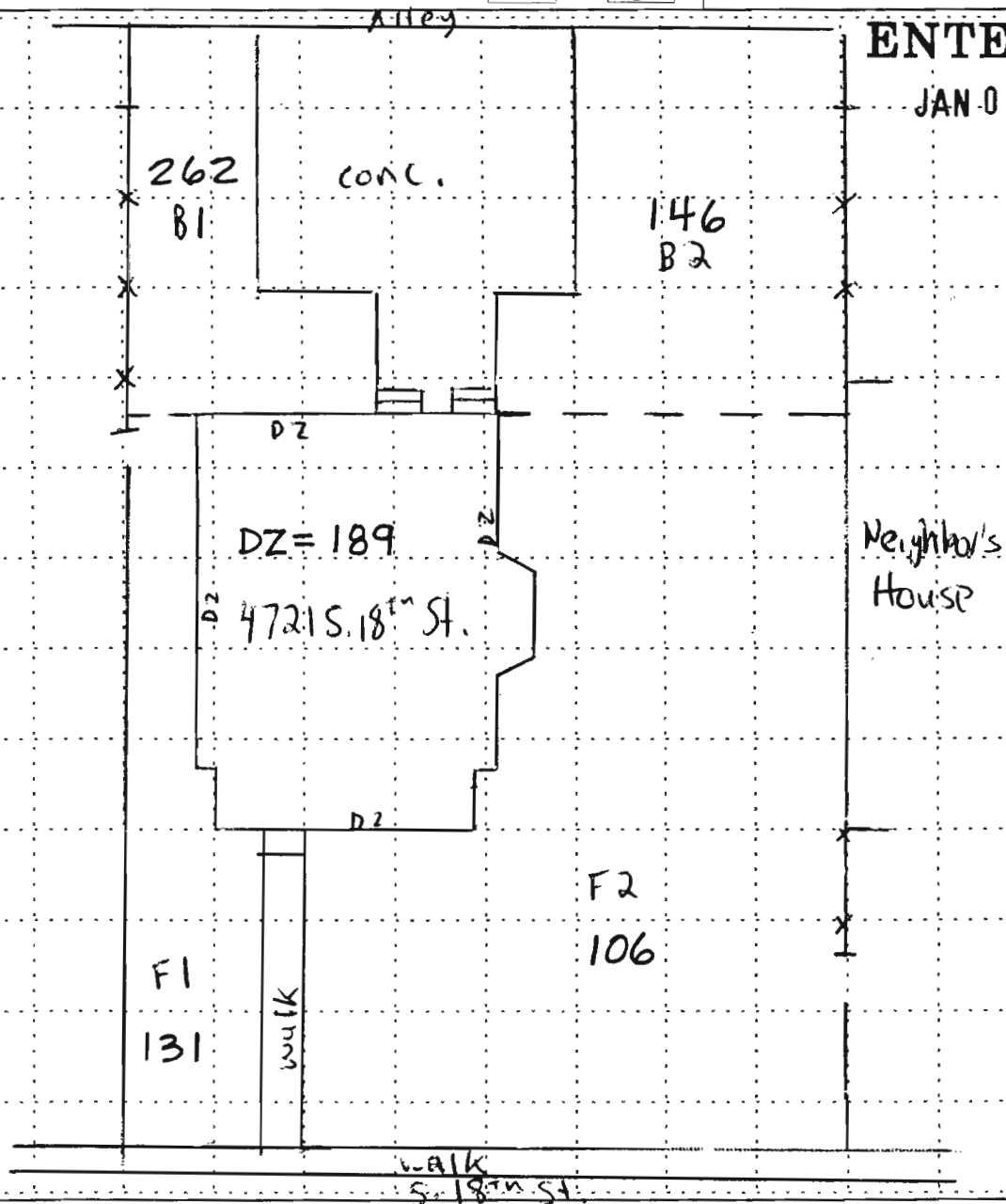
Firm: MES - A.H./K.M.Date: 12/15/05Time: 10:25

Samples Analyzed

XRF Unit: 1037 Book: 143Date: 1-13-06Time: PMStaff: LA

ENTERED

JAN 03 2006





49066



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-19-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☒ Yes ☐ No

Resident Address: 4721 S 18 ST

OMAHA NE 68107
(CITY) (STATE) (ZIP)

Owner Name: GIOVANNA ZORMENO

Owner address: 4721 18 ST, OMAHA, NE 68107

Owner's telephone number - Home: 850-6690 (CELL) Work: _____

Age of home: 114 years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials: House - wood shingle siding - 75 % no paint,
(type of siding, and approximate % of exterior painted) 25 % painted - window/siding trim, porch, siding, soffit/fascia.Description of conditions which could contribute to paint deterioration: House is missing splash
blocks on all downspouts.**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



49066

LEGEND: H - N - P - 01 - 12345

— BVID Number

— Sample Number

— Material: P = Paint

— Side of Structure: N = North S = South E = East W = West

— Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139Date: 12/15/05 Time: 10:55Staff: MES - A.H. / K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>W</u> - P - 01 - 49066	<u>NEG</u> mg/cm ²	<u>PORCH/EDGE</u>	<u>Conc.</u>	<u>OLIVE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 02 - 49066	<u>NEG</u> mg/cm ²	<u>Fnd/Fnd</u>	<u>Brick</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u>W</u> - P - 03 - 49066	<u>3</u> mg/cm ²	<u>FACIA/FACIA</u>	<u>WOOD</u>	<u>OLIVE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 04 - 49066	<u>NEG</u> mg/cm ²	<u>Sid/TRIM</u>	<u>WOOD</u>	<u>OLIVE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 05 - 49066	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>OLIVE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 06 - 49066	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>OLIVE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 07 - 49066	<u>NEG</u> mg/cm ²	<u>Sid/Sid</u>	<u>WOOD</u>	<u>OLIVE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 08 - 49066	<u>NEG</u> mg/cm ²	<u>WINDOW/trim</u>	<u>WOOD</u>	<u>TAN</u>	<u>1</u> ft ²
H - <u> </u> - P - 09 - 49066	mg/cm ²				ft ²
H - <u> </u> - P - 10 - 49066	mg/cm ²				ft ²
H - <u> </u> - P - 11 - 49066	mg/cm ²				ft ²
H - <u> </u> - P - 12 - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49066	mg/cm ²				ft ²



49066

Owner Name: GIOVANNA ZORMENO

Address: 4721 S 18 ST

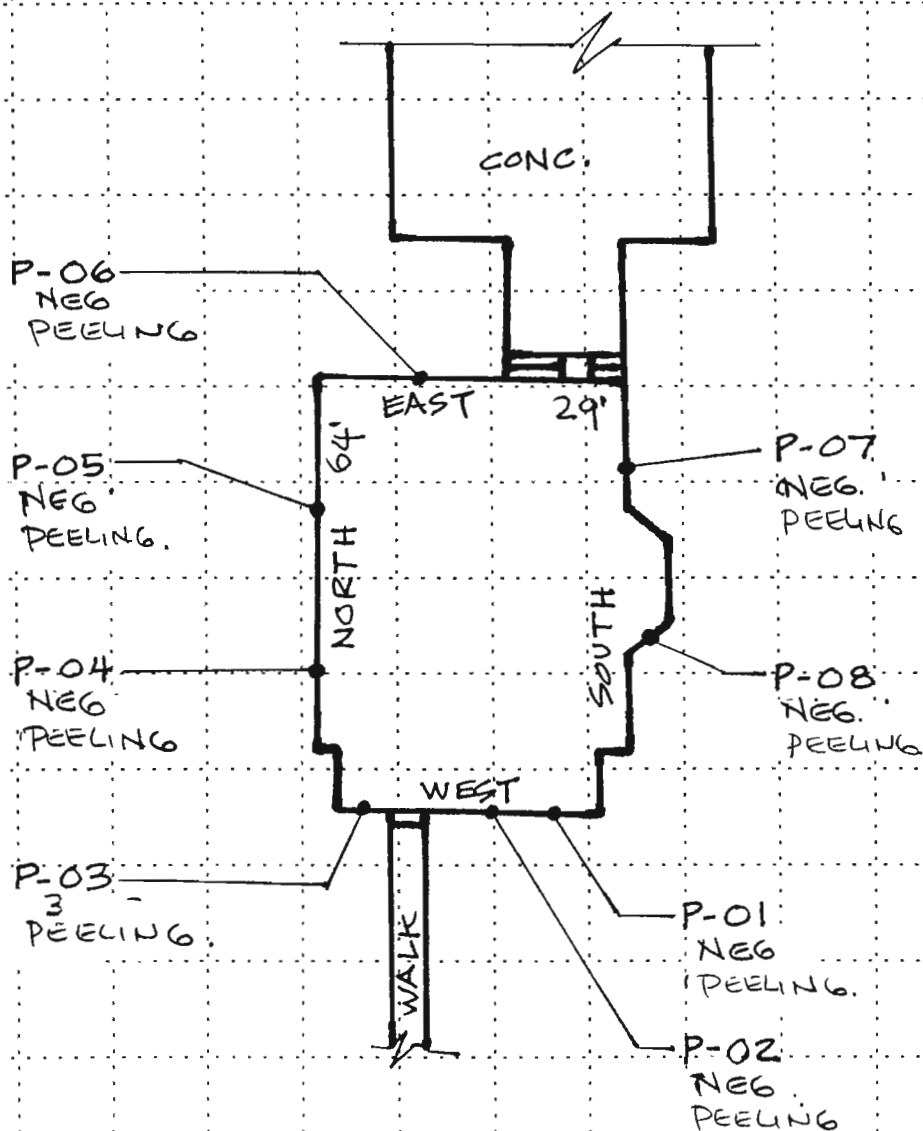
Phone: H: 850-6690 (CEL W:

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

**Plan View - Indicate number of stories and perimeter dimensions of structure****Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





49066

Owner Name: GIOVANNA ZORMENO

Address: 4721 S 18 ST

Phone: H: 850-6690 (CEL W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 70 ft²
South = 170 ft²
East = 120 ft²
West = 350 ft²
Total Surface Painted Area = 710 ft²

Omaha Lead Site Drip Zone Study

BVID: 49149

In Situ Samples Analyzed		Ex Situ Samples Analyzed		Lab Samples Analyzed	
XRF Unit: _____	Book: _____	XRF Unit: <u>1037</u>	Book: <u>143</u>	ASR: _____	Date: _____
Date: _____	Time: _____	Date: <u>1-5-06</u>	Time: <u>PM</u>	Samples: _____	
Staff: _____		Staff: <u>LA</u>			

In Situ Samples Analyzed				Ex Situ Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- <u>S - 49149</u>		<u>438</u>	☐	DZ 01- <u>N - 49149</u>		<u>828</u>	☐
DZ 02- <u>S - 49149</u>		<u>448</u>	☐	DZ 02- <u>N - 49149</u>		<u>571</u>	☐
DZ 03- <u>S - 49149</u>		<u>430</u>	☐	DZ 03- <u>N - 49149</u>		<u>976</u>	☐
DZ 04- <u>S - 49149</u>		<u>318</u>	☐	DZ 04- <u>N - 49149</u>		<u>757</u>	☐
DZ 05- <u>S - 49149</u>		<u>214</u>	☐	DZ 05- <u>N - 49149</u>		<u>569</u>	☐
DZ 06- <u>S - 49149</u>		<u>244</u>	☐	DZ 06- <u>N - 49149</u>		<u>767</u>	☐
DZ 07- <u>S - 49149</u>		<u>246</u>	☒	DZ 07- <u>N - 49149</u>		<u>1299</u>	☐
DZ 08- <u>S - 49149</u>		<u>327</u>	☐	DZ 08- <u>N - 49149</u>		<u>1331</u>	☐
DZ 09- <u>S - 49149</u>		<u>327</u>	☐	DZ 09- <u>N - 49149</u>		<u>1459</u>	☐
DZ 10- <u>S - 49149</u>		<u>189</u>	☐	DZ 10- <u>N - 49149</u>		<u>1241</u>	☐
DZ 11- <u>S - 49149</u>		<u>217</u>	☐	DZ 11- <u>N - 49149</u>		<u>904</u>	☐
DZ 12- <u>S - 49149</u>		<u>219</u>	☐	DZ 12- <u>N - 49149</u>		<u>1222</u>	☐
DZ 13- <u>S - 49149</u>		<u>172</u>	☐	DZ 13- <u>N - 49149</u>		<u>677</u>	☐
DZ 14- <u>S - 49149</u>		<u>184</u>	☐	DZ 14- <u>N - 49149</u>		<u>1152</u>	☒
~~DZ 15- <u>S - 49149</u>~~		<u>-</u>	☐	DZ 15- <u>N - 49149</u>		<u>1022</u>	☐
DZ 16- <u>S - 49149</u>		<u>155</u>	☐	DZ 16- <u>N - 49149</u>		<u>1087</u>	☐
DZ 17- <u>S - 49149</u>		<u>161</u>	☐	DZ 17- <u>N - 49149</u>		<u>702</u>	☐
DZ 18- <u>S - 49149</u>		<u>158</u>	☐	DZ 18- <u>N - 49149</u>		<u>787</u>	☐
DZ 19- <u>S - 49149</u>		<u>141</u>	☐	DZ 19- <u>N - 49149</u>		<u>758</u>	☐
DZ 20- <u>S - 49149</u>		<u>148</u>	☐	DZ 20- <u>N - 49149</u>		<u>510</u>	☐
DZ 21- <u>S - 49149</u>		<u>130</u>	☐	DZ 21- <u>N - 49149</u>		<u>459</u>	☐

of Samples:

191

of Samples:

201

Rev 0.9a2

Lab
Result DZ07-SL-49149
287 ppmLab
Result DZ14-NL-49149
1160 ppm

044701.01.23

Owner Name: MERLE ROTH
Address: 2702 S 19 ST
Phone: H: _____ W: _____

Exterior Paint
☐ Good
☐ Poor
☒ Not paint

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



FROM : F&D ASSOCIATES

PHONE NO. : 402 9914663

Nov. 07 2005 03:53PM P2



49149



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie King al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahns, EPA Project Manager, 1-813-551-7003 or Debbie King at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X [Signature]
(Property Owner Signature)

X RICHARD ROTH

(Please Print Name)

X 11-7-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: MERLE M ROTH☐ owner ☐ renterResidence Address: 2702 S 19 ST

OMAHA NE 68108
(city) (state) (zip)

Property owned by MERLE M ROTHOwner's mailing address: 2702 S 19 ST, OMAHA, NE 68108Owner's telephone number - Home: 402-345-2705

Work: _____

Age of home? 120 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☒ NoTotal number of occupants: 2 List Ages: 46List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: NONE

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 10/18/05 1:00 pm Second: 11/1/05 3:55 pm Third: _____
FD # A HC LMT/CE

Omaha Lead Site

FB - 108
FDA



Black & Veatch Special Projects Corp.

FAXED

44120.01/02



49149



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

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Property Access Granted By X

(Please Print Name)

X

(property Owner Signature)

X

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: MERLE M ROTH☐ owner ☐ renterResidence Address: 2702 S 19 STOMAHANE68108

(CITY)

(STATE)

(ZIP)

Property owned by MERLE M ROTHOwner's mailing address: 2702 S 19 ST, OMAHA, NE 68108Owner's telephone number - Home: 402-345-2705

Work: _____

Age of home? 120 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 10/13/05

FDA A

1:05 PM

MC

Second: 11/1/053:55 PM

LH/CE

Third: 11/1faxed

CE-Sig

Omaha Lead Site

FB-108
FDA

Black & Veatch Special Projects Corp.

46130.0103



49149

Owner Name: MERLE M ROTHAddress: 2702 S 19 ST

Phone: H: 402-345-2705 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-49149 F1	<u>187</u> ppm	☒	☐
RYBSCPXA-49149 F2	<u>714</u> ppm	☒	☐
RYCSCPXA-49149 B1	<u>162</u> ppm	☒	☐
RYDSCPXA-49149 B2	<u>396</u> ppm	☒	☐
RDZSCPXA-49149 DZ	<u>514</u> ppm	☒	☐
RGZSCPXA-49149 GZ	<u>720</u> ppm	☒	☐
~~RPZSCPXA-49149 PZ~~	<u>-</u> ppm	☐	☐

Number of Samples = 6 0

Samples Collected	
Firm:	<u>MES-A.H./K.M.</u>
Date:	<u>12/27/05</u>
Time:	<u>10:55</u>

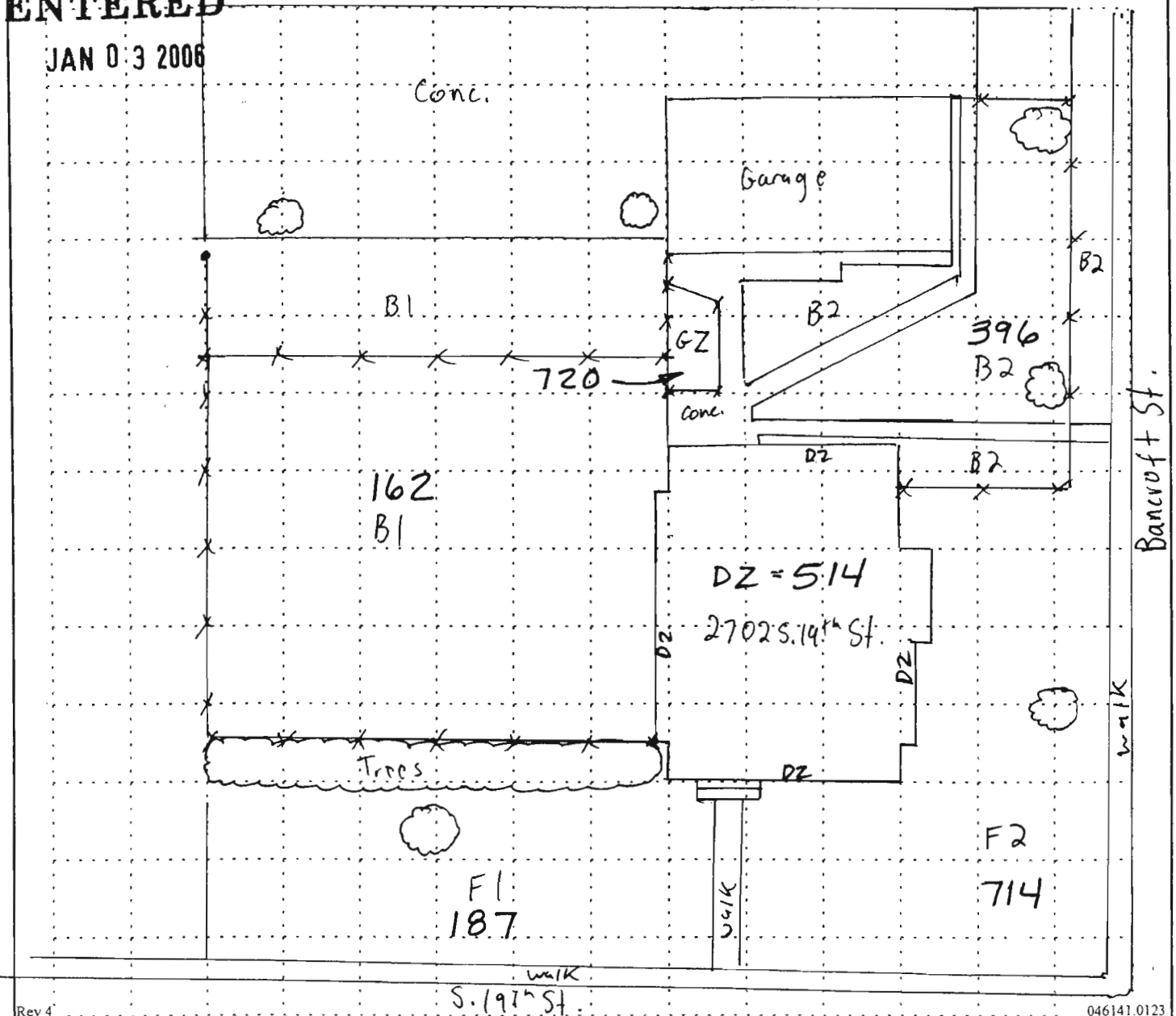
Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-5-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play

All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





49149



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

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Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-7-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☒ Yes ☐ NoResident Address: 2702 S 19 STOMAHA NE 68108
(CITY) (STATE) (ZIP)Owner Name: MERLE M ROTHOwner address: 2702 S 19 ST, OMAHA, NE 68108Owner's telephone number - Home: 402-345-2705 Work: _____Age of home: 121 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - vinyl siding - 80%, 20% painted
porch & window trim. Garage - cement block - 70%, 30% painted - doors & siding.Description of conditions which could contribute to paint deterioration: NONE**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/27/05 Time: _____
 Staff: MES-A.H./K.M.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>E</u> - P - 01 - 49149	<u>NEG</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 02 - 49149	<u>2</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>BROWN</u>	<u>2</u> ft ²
H - <u>N</u> - P - 03 - 49149	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>N</u> - P - 04 - 49149	<u>NEG</u> mg/cm ²	<u>PORCH DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H - <u> </u> - P - 05 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 06 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 07 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
G - <u>E</u> - P - <u>1</u> - 49149	<u>NEG</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49149	_____ mg/cm ²	_____	_____	_____	_____ ft ²



49149

Owner Name: MERLE M ROTH

Address: 2702 S 19 ST

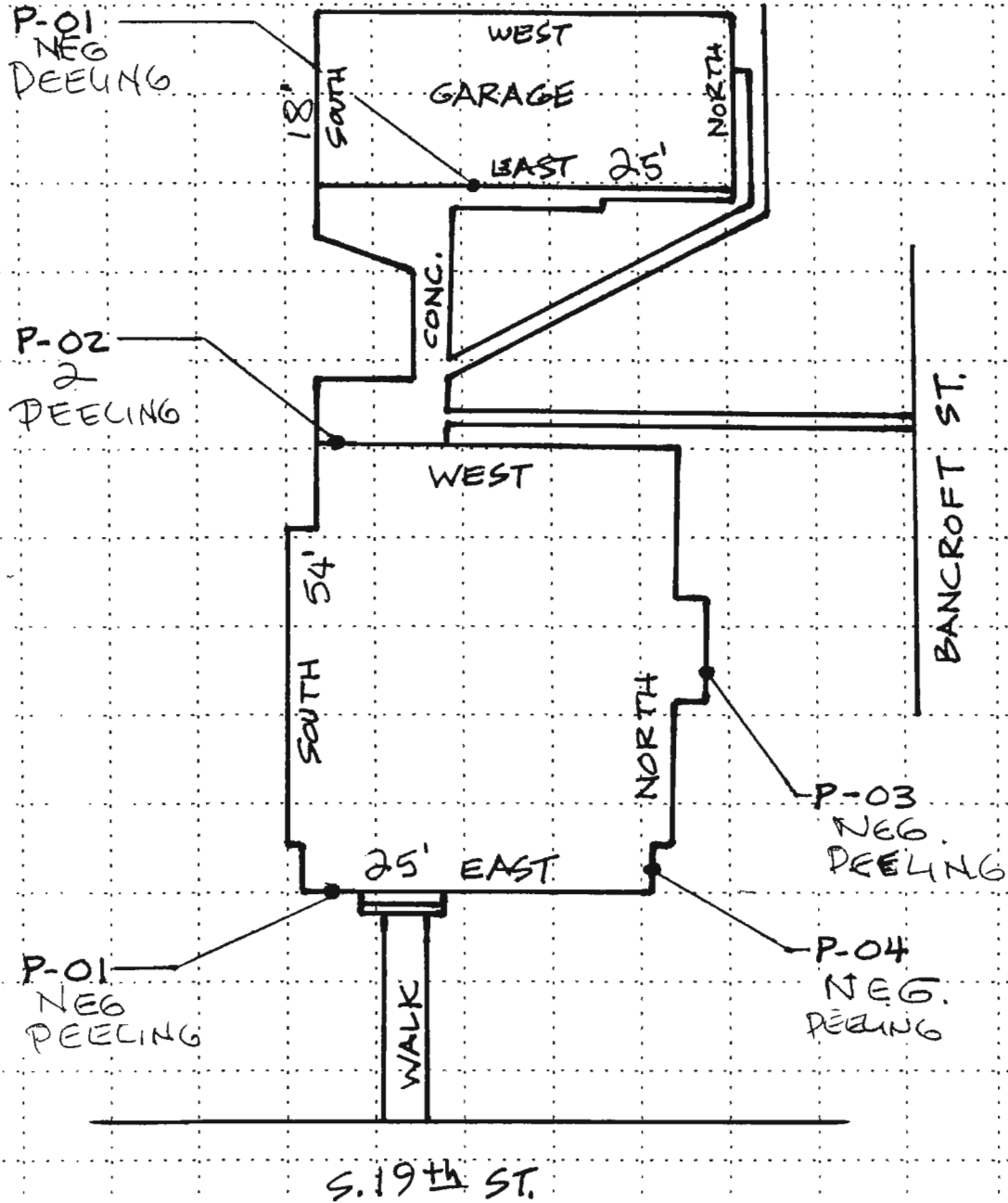
Phone: H: 402-345-2705 W:

Omaha Lead Site
LBP Assessment

North Arrow



Additional Notes





49149

Owner Name: MERLE M ROTH
Address: 2702 S 19 ST
Phone: H: 402-345-2705 W: _____

Omaha Lead Site
Site Sketch
LBP Assessment

North Arrow

Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

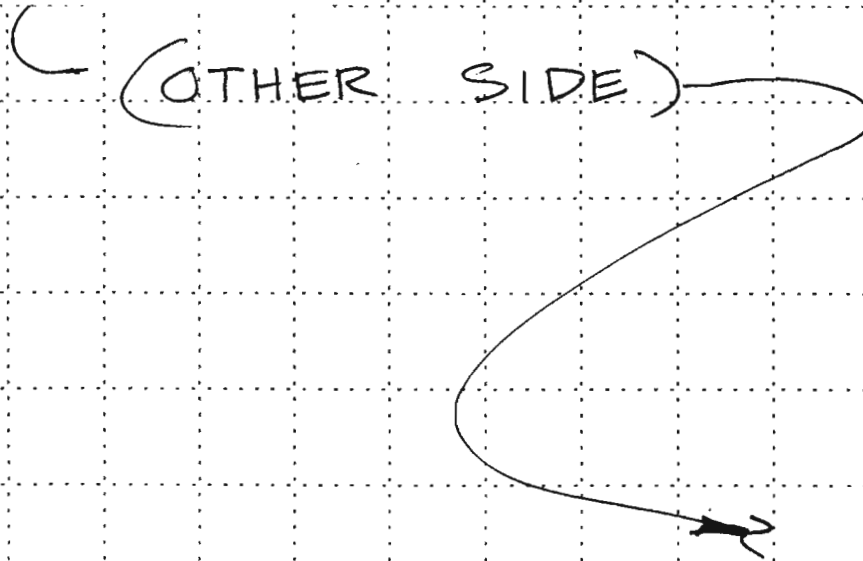
(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)

HOUSE
Surface Painted Area North = 30 ft²
South = 50 ft²
East = 380 ft²
West = 30 ft²
Total Surface Painted Area = 490 ft²

2

GARAGE
Surface Painted Area North = 0 ft²
South = 10 ft²
East = 30 ft²
West = 30 ft²
Total Surface Painted Area = 70 ft²

(OTHER SIDE)



Omaha Lead Site Drip Zone Study

BVID: 49565

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-6-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB				
DZ 01-E - 49565		<u>358</u>	☐	DZ 01-N - 49565		<u>395</u>	☒				
DZ 02-E - 49565		<u>314</u>	☐	DZ 02-N - 49565		<u>347</u>	☐				
DZ 03-E - 49565		<u>401</u>	☐	DZ 03-N - 49565		<u>408</u>	☐				
DZ 04-E - 49565		<u>575</u>	☐	DZ 04-N - 49565		<u>296</u>	☐				
DZ 05-E - 49565		<u>653</u>	☐	DZ 05-N - 49565		<u>347</u>	☐				
DZ 06-E - 49565		<u>739</u>	☐	DZ 06-N - 49565		<u>371</u>	☐				
DZ 07-E - 49565		<u>812</u>	☐	DZ 07-N - 49565		<u>313</u>	☐				
DZ 08-E - 49565		<u>567</u>	☐	DZ 08-N - 49565		<u>358</u>	☐				
DZ 09-E - 49565		<u>749</u>	☒	DZ 09-N - 49565		<u>343</u>	☐				
DZ 10-E - 49565		<u>533</u>	☐	DZ 10-N - 49565		<u>359</u>	☐				
DZ 11-E - 49565		<u>288</u>	☐	DZ 11-N - 49565		<u>326</u>	☐				
DZ 12-E - 49565		<u>187</u>	☐	DZ 12-N - 49565		<u>312</u>	☐				
DZ 13-E - 49565		<u>219</u>	☐	DZ 13-N - 49565		<u>261</u>	☐				
DZ 14-E - 49565		<u>237</u>	☐	DZ 14-N - 49565		<u>287</u>	☐				
DZ 15-E - 49565		<u>189</u>	☐	DZ 15-N - 49565		<u>218</u>	☐				
DZ 16-E - 49565		<u>141</u>	☐	DZ 16-N - 49565		<u>256</u>	☐				
DZ 17-E - 49565		<u>168</u>	☐	DZ 17-N - 49565		<u>263</u>	☐				
DZ 18-E - 49565		<u>264</u>	☐	DZ 18-N - 49565		<u>243</u>	☐				
DZ 19-E - 49565		<u>288</u>	☐	DZ 19-N - 49565		<u>224</u>	☐				
DZ 20-E - 49565		<u>238</u>	☐	DZ 20-N - 49565		<u>214</u>	☐				
DZ 21-E - 49565		<u>247</u>	☐			<u>200</u>	☐				

# of Samples: 20 1	# of Samples: 20 1

Rev 0.9a2
 Lab Result

DZ01-NL-49565
 664 ppm

044701.01.23

BVID: 49565

Owner Name: HELEN Randall
 Address: 204 S 48 ST
 Phone: H: W:

Omaha Lead Site Site Sketch

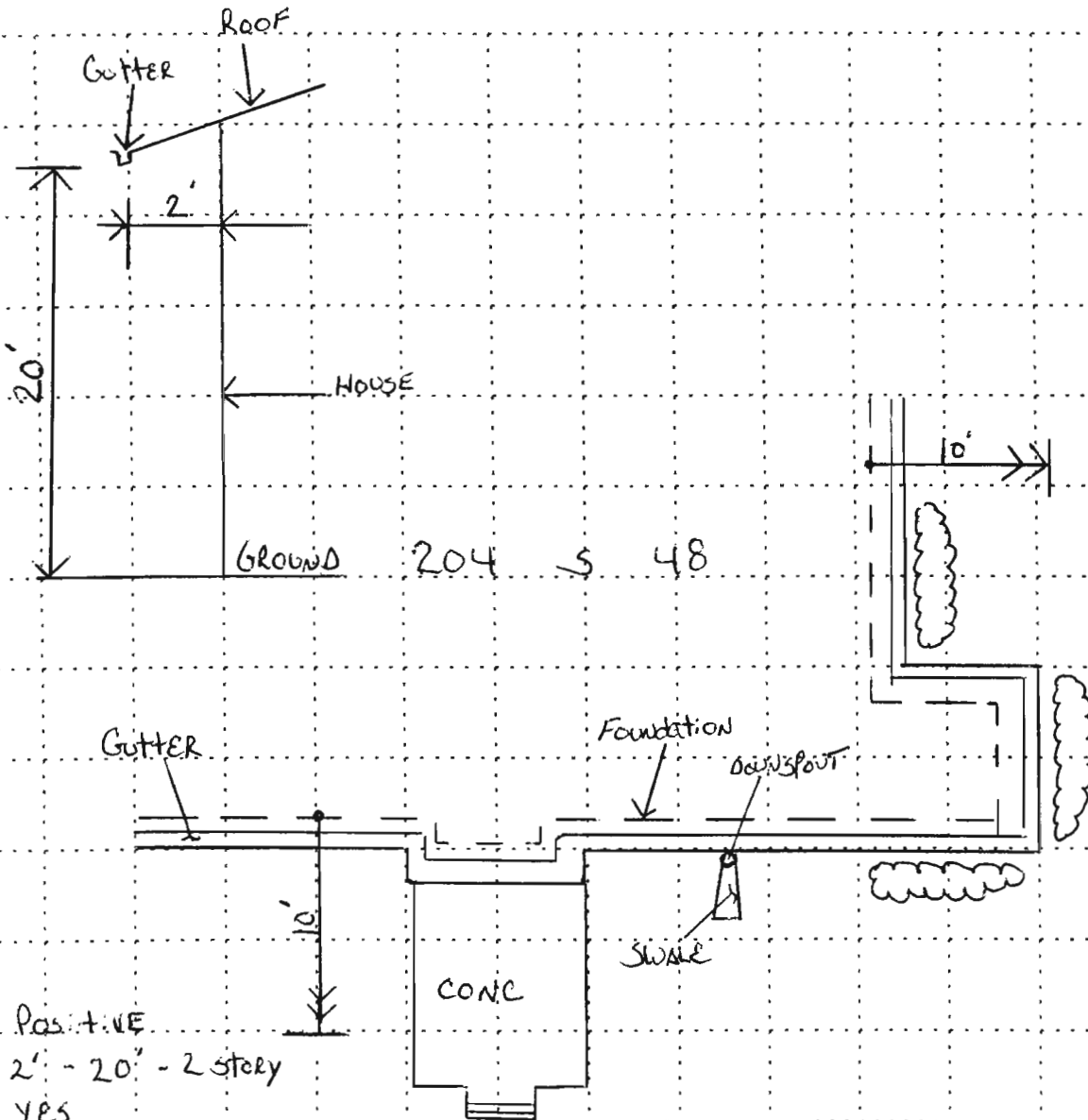
Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- A. Positive
 B. 2' - 20' - 2 story
 C. YES
 D. BRICK
 E. PAINT CHIPS
 F. NORTH & EAST
 G. TAKEN

S 48 ST

mail



A
49565



U.S. Environmental Protection Agency Region VII

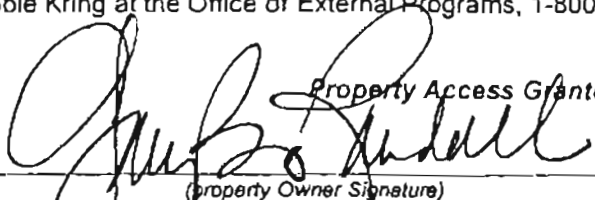
Omaha Lead Site
Omaha, NE

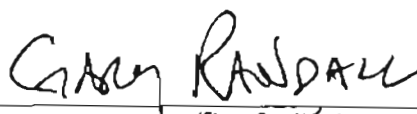
Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.


Property Access Granted By
(property owner signature)


(Please Print Name)
11/17/05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 204 S 48 ST

OMAHA
(CITY)

NE
(STATE)

68132
(ZIP)

Property owned by HELEN C RANDALL

Owner's mailing address: C/O GARY RANDALL 204 S 48 ST #2, OMAHA, NE 68132

Owner's telephone number - Home: NO 272-2471

Work: _____

Age of home? _____ years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ No

Has the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____ List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent: 12/11/04

First: 11/9/04 NO CONTACT 1:21 Second: 8-25-05 12:49 Third: 11-17-05 12:30
MSW MSW



mail



A
49565



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By _____

(Please Print Name)

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 204 S 48 ST

OMAHA

NE

68132

(CITY)

(STATE)

(ZIP)

Property owned by HELEN C RANDALL

Owner's mailing address: C/O GARY RANDALL 204 S 48 ST #2, OMAHA, NE 68132

Owner's telephone number - Home: 402-223-1249

Work: _____

Age of home? _____ years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ No

Has the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent: 12/11/04

First: 11/4/04 NO CONTACT 1:21 Second: 8-25-05 12:49 Third: 11-17-05 12:30pm
MSW MSW



Black & Veatch Special Projects Corp.

46130.0103



49365

Owner Name: HELEN C RANDALL

Address: 204 S 48 ST

Phone: H: _____

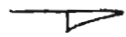
W: _____

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-49565 F1	<u>147</u> ppm	☒	☐
RYBSCPXA-49565 F2	<u>387</u> ppm	☒	☐
RYCSCPXA-49565 B1	<u>130</u> ppm	☒	☐
RYDSCPXA-49565 B2	<u>302</u> ppm	☒	☐
RDZSCPXA-49565 DZ	<u>382</u> ppm	☒	☐
RGZSCPXA-49565 GZ	<u>-</u> ppm	☐	☐
RPZSCPXA-49565 PZ	<u>-</u> ppm	☐	☐

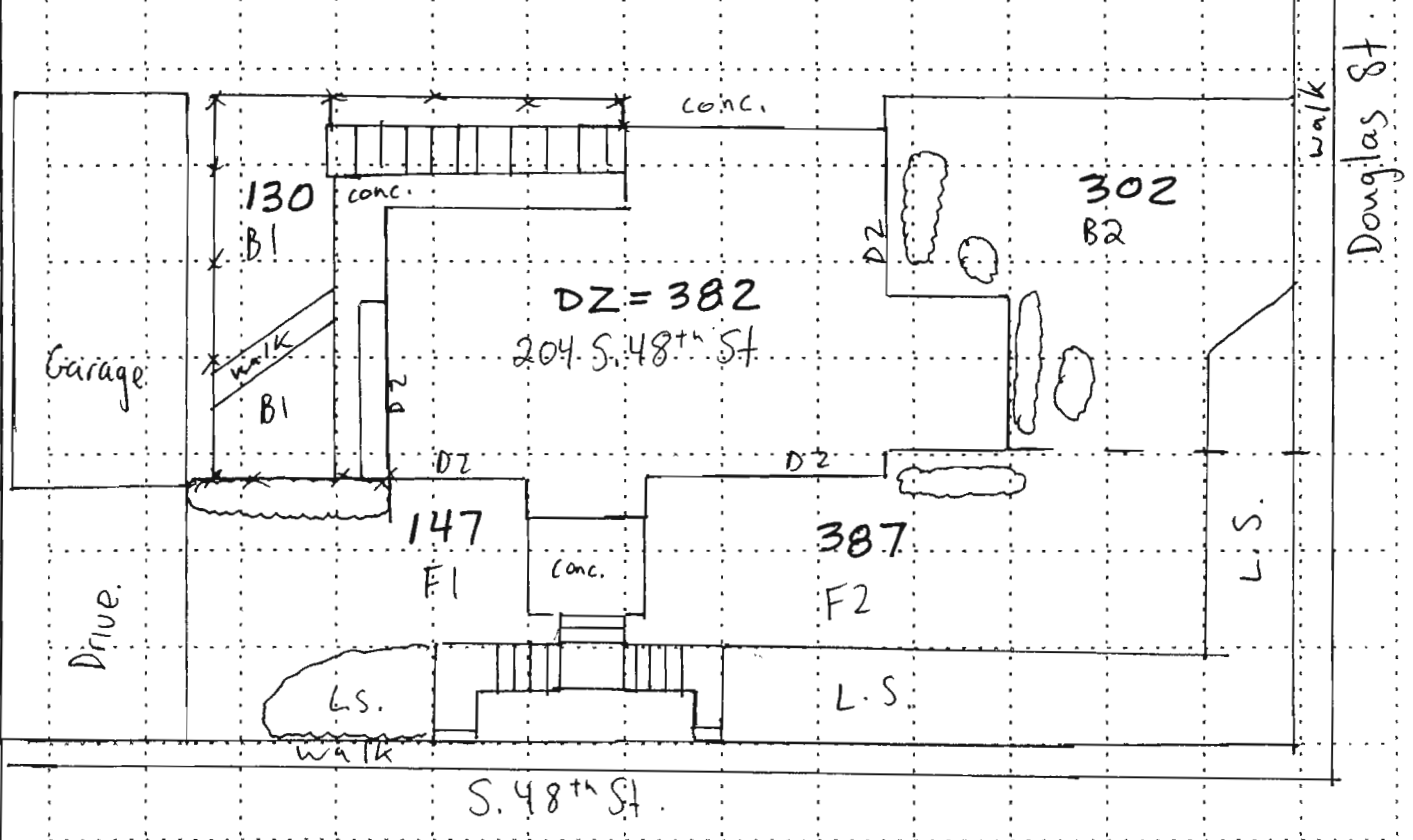
Number of Samples = 5 0

Samples Collected	
Firm:	<u>MES - A.H./J.H.</u>
Date:	<u>12/21/05</u>
Time:	<u>3:15</u>

Samples Analyzed	
XRF Unit:	<u>1037</u> Book: <u>143</u>
Date:	<u>1-6-06</u>
Time:	<u>PM</u>
Staff:	<u>LA</u>

ENTERED

JAN 0 3:2006





49565



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-17-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 204 S 48 ST

OMAHA NE 68132
(CITY) (STATE) (ZIP)

Owner Name: HELEN C RANDALL

Owner address: C/O GARY RANDALL 204 S 48 ST #2, OMAHA, NE 68132

Owner's telephone number - Home: _____ Work: _____

Age of home: _____ years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - brick - 85%, 15% painted -
window/door trim, siding, soffit & fascia. Garage - cement block - 80%, 20% painted.

Description of conditions which could contribute to paint deterioration: None.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



49565

LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/21/05 Time: 3:15
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H-E-P-01-49565	NEG mg/cm ²	WIN/TRIM	WOOD	WHITE	1 ft ²
H-E-P-02-49565	18 mg/cm ²	BOARDED WIN.	WOOD	WHITE	1 ft ²
H-E-P-03-49565	23 mg/cm ²	WIN/TRIM	WOOD	WHITE	1 ft ²
H-S-P-04-49565	NEG mg/cm ²	STAIRWAY/SIDING	WOOD	WHITE	20 ft ²
H-W-P-05-49565	NEG mg/cm ²	SIDING	WOOD	WHITE	4 ft ²
H-W-P-06-49565	NEG mg/cm ²	WINDOW/SILL	WOOD	WHITE	2 ft ²
H-N-P-07-49565	15 mg/cm ²	WINDOW/TRIM	WOOD	WHITE	1 ft ²
H- - P - 08 - 49565	mg/cm ²				ft ²
H- - P - 09 - 49565	mg/cm ²				ft ²
H- - P - 10 - 49565	mg/cm ²				ft ²
H- - P - 11 - 49565	mg/cm ²				ft ²
H- - P - 12 - 49565	mg/cm ²				ft ²
G-E-P-1-49565	NEG mg/cm ²	BLOCK	CONC.	WHITE	1 ft ²
G-E-P-2-49565	NEG mg/cm ²	DOOR	WOOD	WHITE	1 ft ²
G-E-P-3-49565	NEG mg/cm ²	DOOR/Trim	WOOD	WHITE	1 ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²
- - P - - - 49565	mg/cm ²				ft ²



49565

Owner Name: HELEN C RANDALL

Address: 204 S 48 ST

Phone: H: W:

Omaha Lead Site
Site Sketch
LBP Assessment

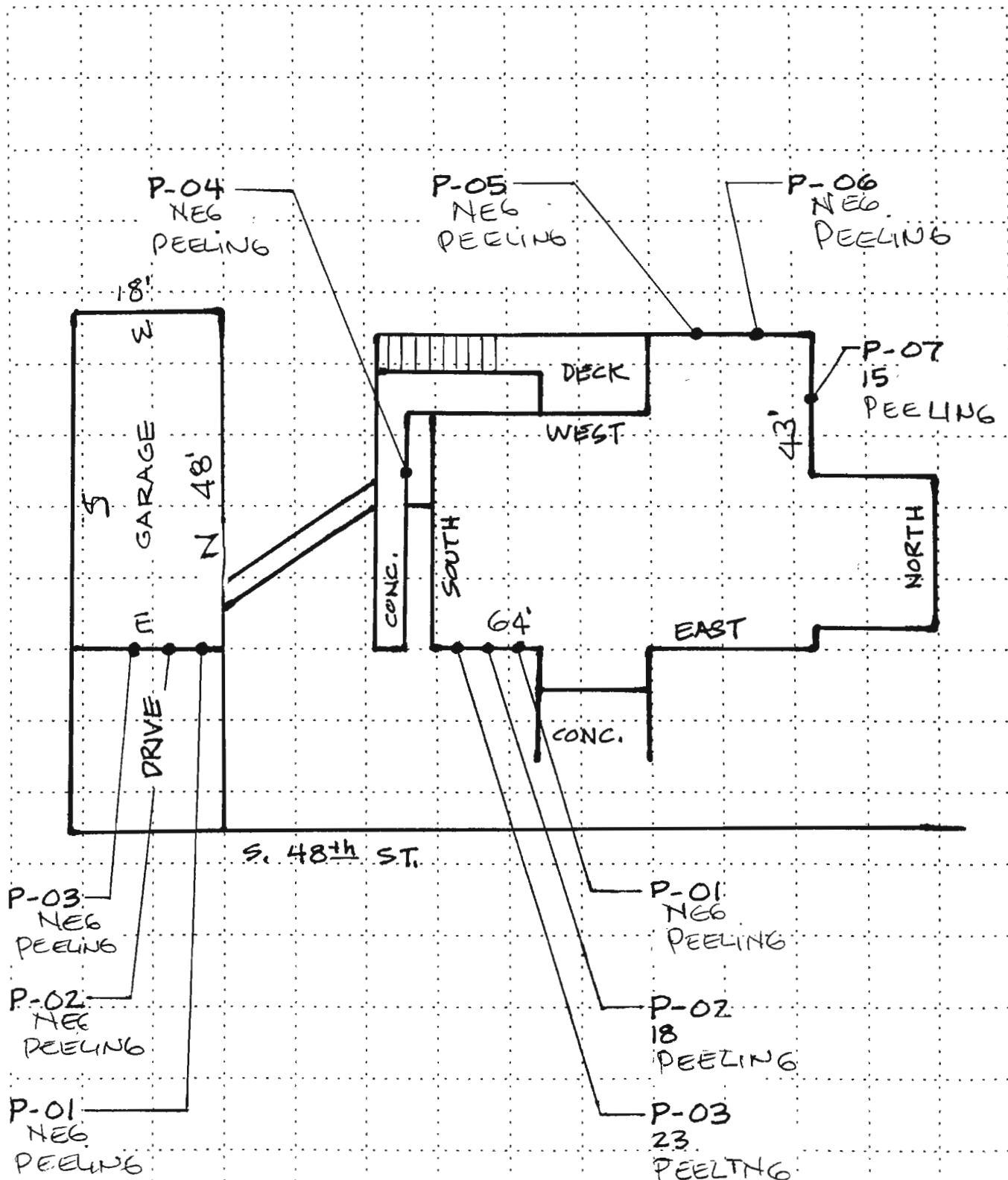
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligatoring, blistering and/or peeling)





49565

Owner Name: HELEN C RANDALL

Address: 204 S 48 ST

Phone: H: W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

HOUSE
Surface Painted Area North = 170 ft²
South = 250 ft²
East = 250 ft²
West = 350 ft²
Total Surface Painted Area = 1020 ft²

GARAGE
Surface Painted Area North = 0 ft²
South = 0 ft²
East = 220 ft²
West = 0 ft²
Total Surface Painted Area = 220 ft²



49643



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

X Pamela J. Ehlinger
(Property Owner Signature)

X Pamela J. Ehlinger
(Please Print Name)

X 11-30-05
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: Same☒ owner ☐ renterResidence Address: 4601 DAVENPORT STOMAHA
(city)NE
(STATE)68132
(ZIP)Property owned by JOHN J EHLINGEROwner's mailing address: 4601 DAVENPORT ST, OMAHA, NE 68132Owner's telephone number - Home: 558-0757

Work: _____

Age of home? 70+ yearsHow long have you lived here? 10 yearsHas the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ NoTotal number of occupants: 3 List Ages: 40⁺, 10

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: + DZ Study**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 8 10 05 221
MSW/KSSecond: 11-30-05 9:10 AM

Third: _____

PT SIGNED

Omaha Lead Site



Black & Veatch Special Projects Corp.

46130.0103

FB 121



49643

Owner Name: JOHN J EHLINGER

Address: 4601 DAVENPORT ST

Phone: H: 558-0757W:

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-49643 F1	309 ppm	☒	☐
RYBSCPXA-49643 F2	533 ppm	☒	☐
RYCSCPXA-49643 B1	263 ppm	☒	☐
RYDSCPXA-49643 B2	207 ppm	☒	☐
RDZSCPXA-49643 DZ	626 ppm	☒	☐
~~RGZSCPXA-49643 GZ~~	- ppm	☐	☐
RPZSCPXA-49643 PZ "M"	115 ppm	☒	☐

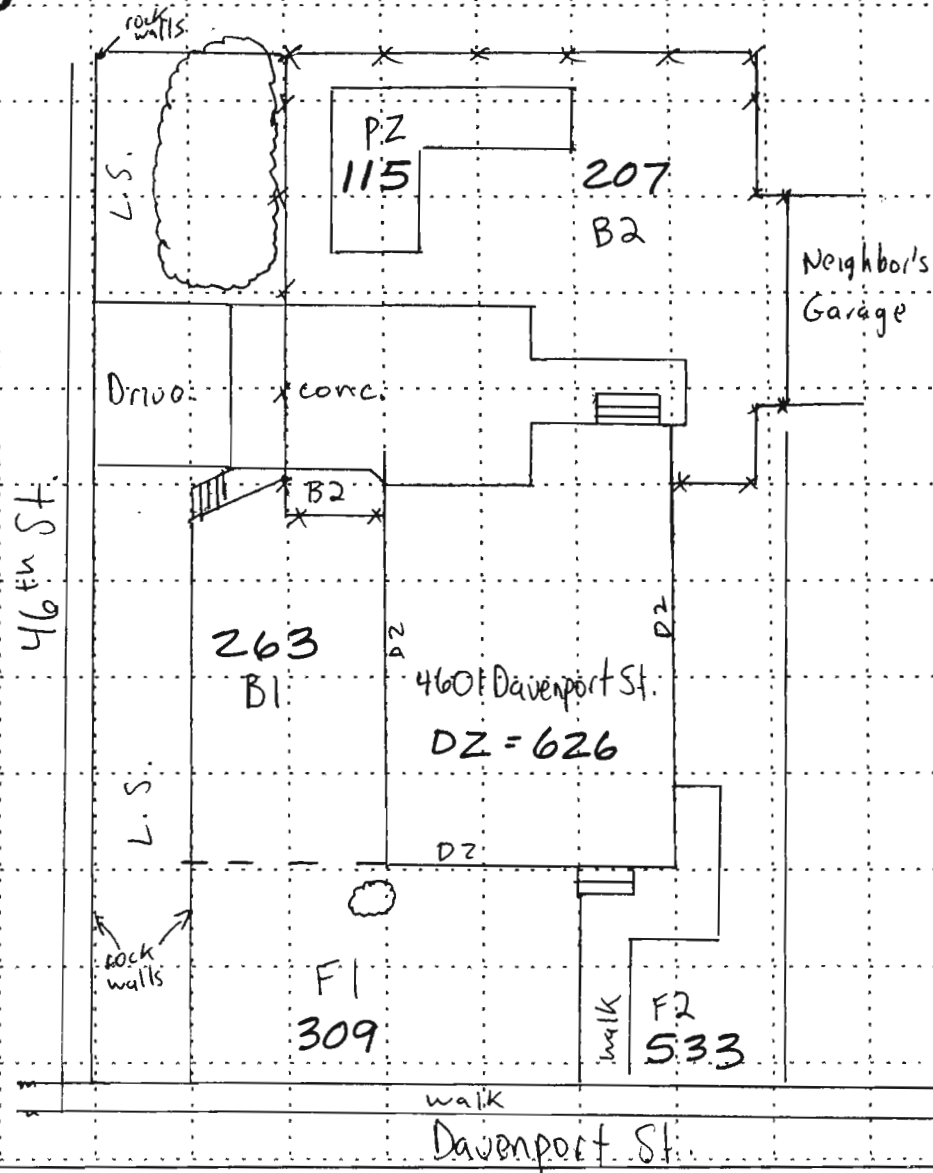
Number of Samples =

Samples Collected	
Firm:	MES-A.H./J.H.
Date:	12/21/05
Time:	12:35

Samples Analyzed	
XRF Unit:	1037 Book: 143
Date:	1-5-06
Time:	AM
Staff:	LA

ENTERED

JAN 03 2006



Omaha Lead Site Drip Zone Study

BVID: 49643

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-5-06</u>		Time: <u>AM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>L.A.</u>		_____		_____		_____	
Overhang: _____				Overhang: _____							
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB			
DZ 01- <u>E - 49643</u>		<u>1413</u>	☐	0	DZ 01- <u>N - 49643</u>		<u>507</u>	☐			
DZ 02- <u>E - 49643</u>		<u>823</u>	☐	6	DZ 02- <u>N - 49643</u>		<u>408</u>	☐			
DZ 03- <u>E - 49643</u>		<u>797</u>	☐	12	DZ 03- <u>N - 49643</u>		<u>601</u>	☐			
DZ 04- <u>E - 49643</u>		<u>2134</u>	☐	18	DZ 04- <u>N - 49643</u>		<u>537</u>	☐			
DZ 05- <u>E - 49643</u>		<u>868</u>	☐	24	DZ 05- <u>N - 49643</u>		<u>500</u>	☐			
DZ 06- <u>E - 49643</u>		<u>661</u>	☐	30	DZ 06- <u>N - 49643</u>		<u>586</u>	☐			
DZ 07- <u>E - 49643</u>		<u>1047</u>	☐	36	~~DZ 07-<u> </u>~~		<u>-</u>	☐			
DZ 08- <u>E - 49643</u>		<u>1248</u>	☒	42	~~DZ 08-<u> </u>~~		<u>-</u>	☐			
DZ 09- <u>E - 49643</u>		<u>1652</u>	☐	48	DZ 09- <u>N - 49643</u>		<u>594</u>	☐			
DZ 10- <u>E - 49643</u>		<u>1368</u>	☐	54	DZ 10- <u>N - 49643</u>		<u>397</u>	☐			
DZ 11- <u>E - 49643</u>		<u>666</u>	☐	60	DZ 11- <u>N - 49643</u>		<u>447</u>	☐			
DZ 12- <u>E - 49643</u>		<u>600</u>	☐	66	DZ 12- <u>N - 49643</u>		<u>421</u>	☐			
DZ 13- <u>E - 49643</u>		<u>575</u>	☐	72	DZ 13- <u>N - 49643</u>		<u>486</u>	☐			
DZ 14- <u>E - 49643</u>		<u>439</u>	☐	78	DZ 14- <u>N - 49643</u>		<u>343</u>	☐			
DZ 15- <u>E - 49643</u>		<u>455</u>	☐	84	DZ 15- <u>N - 49643</u>		<u>434</u>	☐			
DZ 16- <u>E - 49643</u>		<u>369</u>	☐	90	DZ 16- <u>N - 49643</u>		<u>313</u>	☒			
DZ 17- <u>E - 49643</u>		<u>341</u>	☐	96	DZ 17- <u>N - 49643</u>		<u>305</u>	☐			
DZ 18- <u>E - 49643</u>		<u>228</u>	☐	102	DZ 18- <u>N - 49643</u>		<u>202</u>	☐			
DZ 19- <u>E - 49643</u>		<u>300</u>	☐	108	DZ 19- <u>N - 49643</u>		<u>196</u>	☐			
DZ 20- <u>E - 49643</u>		<u>287</u>	☐	114	DZ 20- <u>N - 49643</u>		<u>308</u>	☐			
DZ 20- <u>E - 49643</u>		<u>239</u>	☐	120	DZ 20- <u>N - 49643</u>		<u>275</u>	☐			
# of Samples: 20 1				# of Samples: 18 1							
Lab Result <u>DZ08-EL-49643</u> 1180 ppm				Lab Result <u>DZ16-NL-49643</u> 276 ppm				044701.01 23			

BVID: 49643

Owner Name: JOHN ENLINGER
Address: 4601 DAVENPORT ST
Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

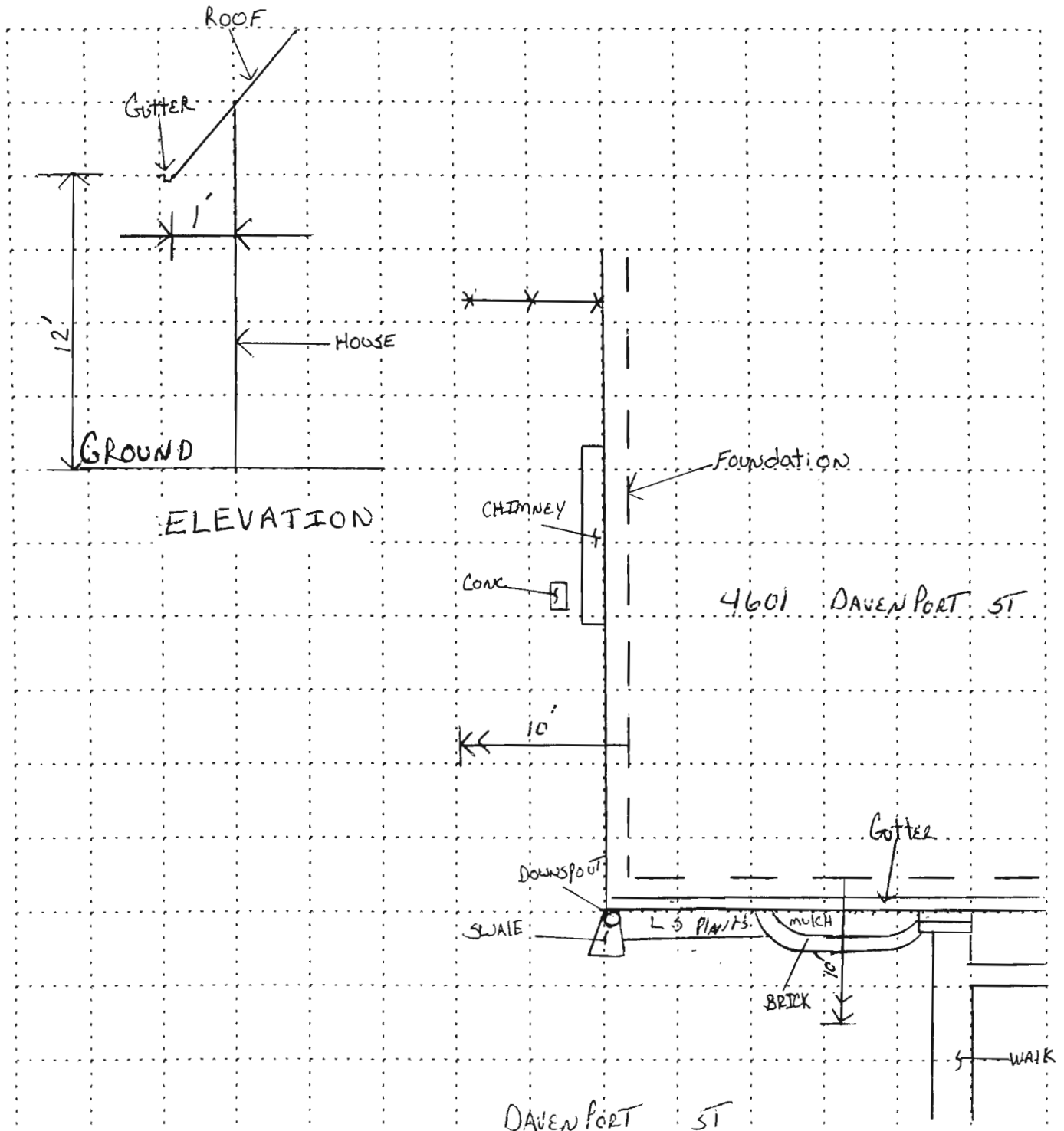
Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.





49643



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-30-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 4601 DAVENPORT ST

OMAHA NE 68132
(city) (STATE) (ZIP)

Owner Name: JOHN J EHLINGER

Owner address: 4601 DAVENPORT ST, OMAHA, NE 68132

Owner's telephone number - Home: 402-558-0757

Work: _____

Age of home: _____ years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House 99% vinyl siding, 1% painted including
porch steps, door, foundation lattice, & window trim. Garage w/ painted concrete on E side, other
sides are underground

Description of conditions which could contribute to paint deterioration: none

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____

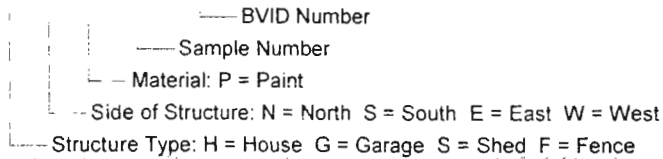


Omaha Lead Site LBP Assessment



49643

LEGEND: H - N - P - 01 - 12345



Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/21/05 Time: 1:00
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 49643	<u>NEG</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>GREEN</u>	<u>2</u> ft ²
H - <u>N</u> - P - 02 - 49643	<u>NEG</u> mg/cm ²	<u>PORCH/STEP</u>	<u>WOOD</u>	<u>GREEN</u>	<u>15</u> ft ²
H - <u>N</u> - P - 03 - 49643	<u>NEG</u> mg/cm ²	<u>PLANTER</u>	<u>WOOD</u>	<u>GREEN</u>	<u>1</u> ft ²
H - <u>E</u> - P - 04 - 49643	<u>NEG</u> mg/cm ²	<u>FOUNDATION/LATTICE</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H - <u>E</u> - P - 05 - 49643	<u>3</u> mg/cm ²	<u>CHIMNEY</u>	<u>CONC.</u>	<u>GRY</u>	<u>4</u> ft ²
H - <u>E</u> - P - 06 - 49643	<u>6</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>7</u> ft ²
H - <u>S</u> - P - 07 - 49643	<u>5</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>10</u> ft ²
H - <u> </u> - P - 08 - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>E</u> - P - <u>1</u> - 49643	<u>NEG</u> mg/cm ²	<u>BLOCK</u>	<u>CONC.</u>	<u>GRY</u>	<u>12</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49643	_____ mg/cm ²	_____	_____	_____	_____ ft ²



49643

Owner Name: JOHN J EHLINGER
Address: 4601 DAVENPORT ST
Phone: H: 402-558-0757 W:

Omaha Lead Site
Site Sketch
LBP Assessment

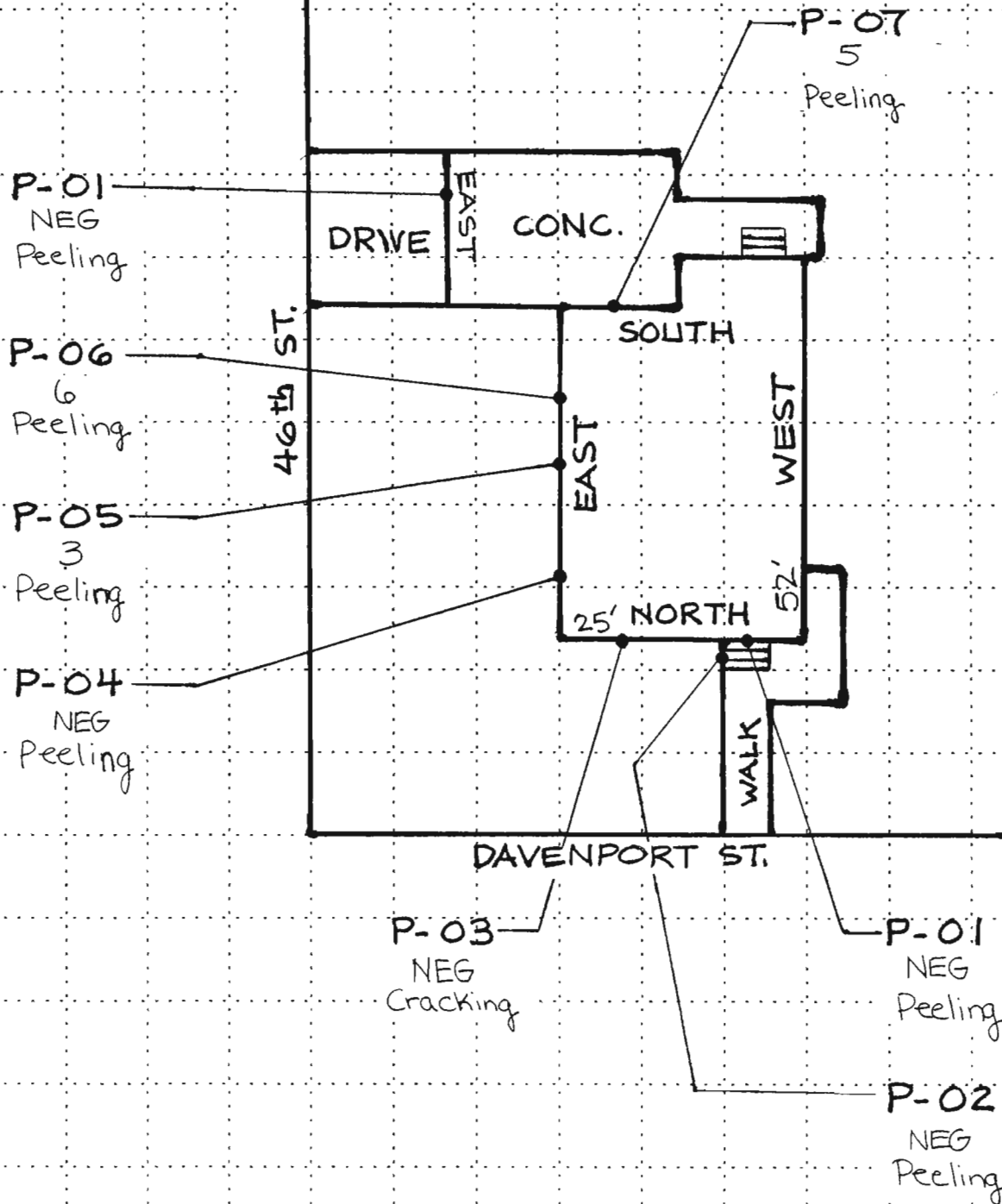
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





49643

Owner Name: JOHN J EHLINGERAddress: 4601 DAVENPORT STPhone: H: 402-558-0757 W: _____Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 40 ft²
South = 30 ft²
HOUSE East = 20 ft²
West = 15 ft²
Total Surface Painted Area = 105 ft²

Surface Painted Area North = 0 ft²
South = 0 ft²
GARAGE East = 70 ft²
West = 0 ft²
Total Surface Painted Area = 70 ft²

Omaha Lead Site Drip Zone Study

BVID: 49766

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-11-06</u>		Time: <u>PM</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- ~~E~~ - 49766		<u>64</u>	☐	DZ 01- ~~N~~ - 49766		<u>88</u>	☐
DZ 02- ~~E~~ - 49766		<u>63</u>	☐	DZ 02- ~~N~~ - 49766		<u>91</u>	☐
DZ 03- ~~E~~ - 49766		<u>52</u>	☐	DZ 03- ~~N~~ - 49766		<u>70</u>	☐
~~DZ 04-E~~ - 49766		<u>-</u>	☐	DZ 04- ~~N~~ - 49766		<u>62</u>	☐
~~DZ 05-E~~ - 49766		<u>-</u>	☐	DZ 05- ~~N~~ - 49766		<u>72</u>	☐
~~DZ 06-E~~ - 49766		<u>-</u>	☐	DZ 06- ~~N~~ - 49766		<u>93</u>	☐
~~DZ 07-~~		<u>-</u>	☐	DZ 07- ~~N~~ - 49766		<u>104</u>	☐
DZ 08- ~~E~~ - 49766		<u>275</u>	☒	DZ 08- ~~N~~ - 49766		<u>143</u>	☐
DZ 09- ~~E~~ - 49766		<u>276</u>	☐	DZ 09- ~~N~~ - 49766		<u>115</u>	☐
DZ 10- ~~E~~ - 49766		<u>262</u>	☐	DZ 10- ~~N~~ - 49766		<u>96</u>	☐
DZ 11- ~~E~~ - 49766		<u>307</u>	☐	DZ 11- ~~N~~ - 49766		<u>71</u>	☐
DZ 12- ~~E~~ - 49766		<u>242</u>	☐	DZ 12- ~~N~~ - 49766		<u>48</u>	☐
DZ 13- ~~E~~ - 49766		<u>259</u>	☐	DZ 13- ~~N~~ - 49766		<u>47</u>	☐
DZ 14- ~~E~~ - 49766		<u>283</u>	☐	DZ 14- ~~N~~ - 49766		<u>53</u>	☐
DZ 15- ~~E~~ - 49766		<u>308</u>	☐	DZ 15- ~~N~~ - 49766		<u>66</u>	☐
DZ 16- ~~E~~ - 49766		<u>237</u>	☐	DZ 16- ~~N~~ - 49766		<u>55</u>	☐
DZ 17- ~~E~~ - 49766		<u>276</u>	☐	DZ 17- ~~N~~ - 49766		<u>74</u>	☐
DZ 18- ~~E~~ - 49766		<u>247</u>	☐	DZ 18- ~~N~~ - 49766		<u>66</u>	☒
DZ 19- ~~E~~ - 49766		<u>257</u>	☐	DZ 19- ~~N~~ - 49766		<u>58</u>	☐
DZ 20- ~~E~~ - 49766		<u>245</u>	☐	DZ 20- ~~N~~ - 49766		<u>67</u>	☐
DZ 20- ~~E~~ - 49766		<u>282</u>	☐	DZ 20- ~~N~~ - 49766		<u>75</u>	☐

# of Samples:	16	1
Lab Result	DZ08-EL-49766	820 ppm

# of Samples:	20	1
Lab Result	DZ18-NL-49766	51.8 ppm

Rev 0.9a2

044701.01.23

BVID: 49766

Owner Name: DONALD G. HOTTE JR
 Address: 4602 CALIFORNIA ST
 Phone: H: W:

Omaha Lead Site Site Sketch

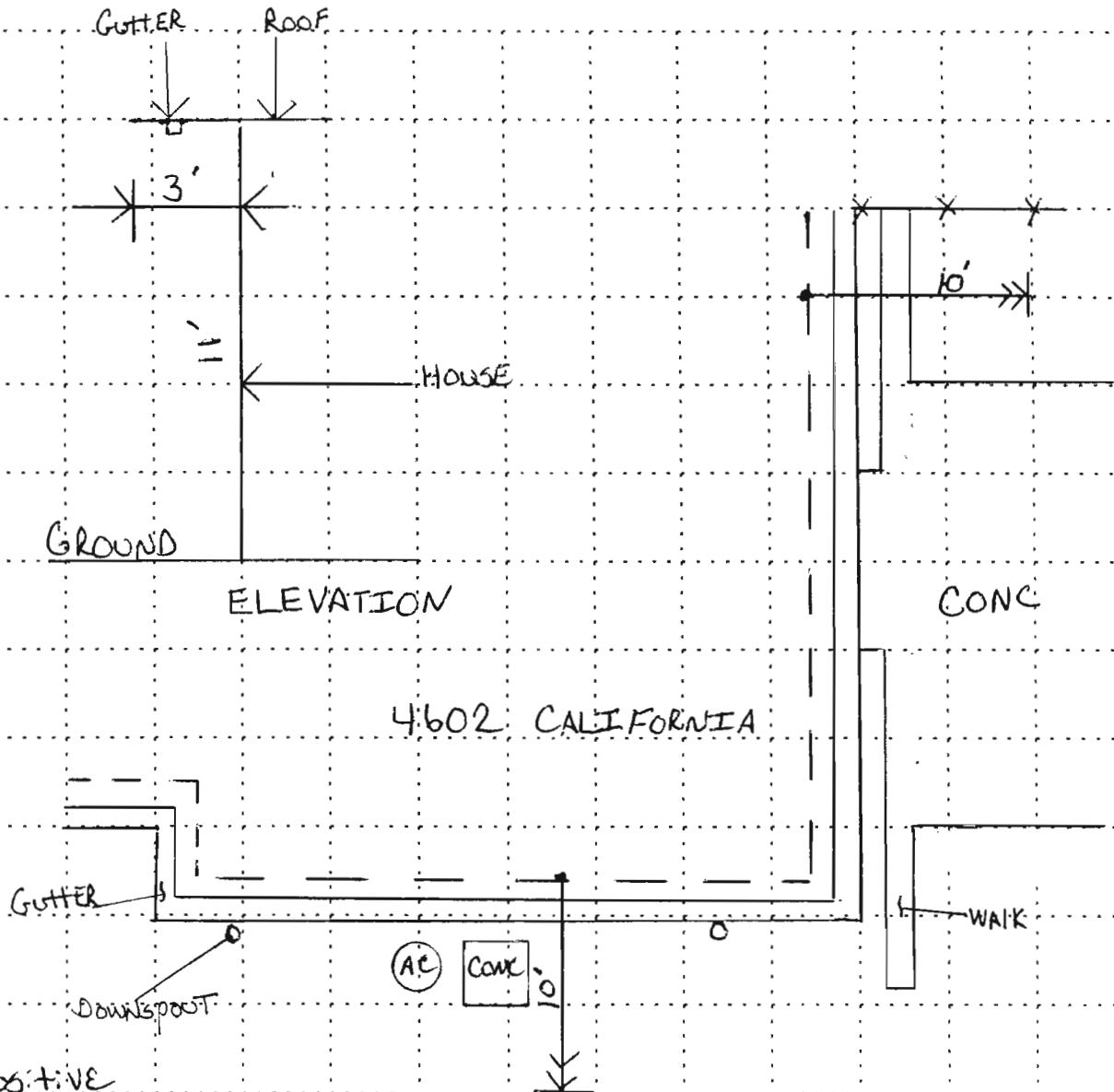
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 3', 11', 1 story
- YES
- PAINT
- BARE ground
- NORTH + WEST
- TAKEN

CALIFORNIA ST



49766



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

(property Owner Signature)

Don Gillette Jr.

(Please Print Name)

12-6-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:

Samu

☒ owner☐ renter

Residence Address: 4602 CALIFORNIA ST

OMAHA

NE

68132

(CITY)

(STATE)

(ZIP)

Property owned by DONALD GILLOTTE JR

Owner's mailing address: 3320 CALIFORNIA #10, OMAHA, NE 68131

Owner's telephone number - Home: 402 - 932 - 4105

Work: _____

Age of home? 48 years

How long have you lived here? 4 years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: 2

List Ages: adults

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: 0

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 08-15-05

10-10-05

Second:

8/27/05 3:05

8/27/05 MSW

Third:

10/24/05

1:27

MSW / KS

MSW

Omaha Lead Site

12-6-05 1:54
MSW

Black & Veatch Special Projects Corp.

46130 0103

FB 121



49766

Owner Name: DONALD GILLOTTE JRAddress: 4602 CALIFORNIA STPhone: H: 932-4105 W:Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-49766	F1	<u>138</u>	ppm	☒	☐
RYBSCPXA-49766	F2	<u>113</u>	ppm	☒	☐
RYCSCPXA-49766	B1	<u>55</u>	ppm	☒	☐
RYDSCPXA-49766	B2	<u>65</u>	ppm	☒	☐
RDZSCPXA-49766	DZ	<u>69</u>	ppm	☒	☐
~~RGZSCPXA-49766~~	~~GZ~~	~~-~~	~~ppm~~	☐	☐
~~RPZSCPXA-49766~~	~~PZ~~	~~-~~	~~ppm~~	☐	☐

Number of Samples =

50

Samples Collected

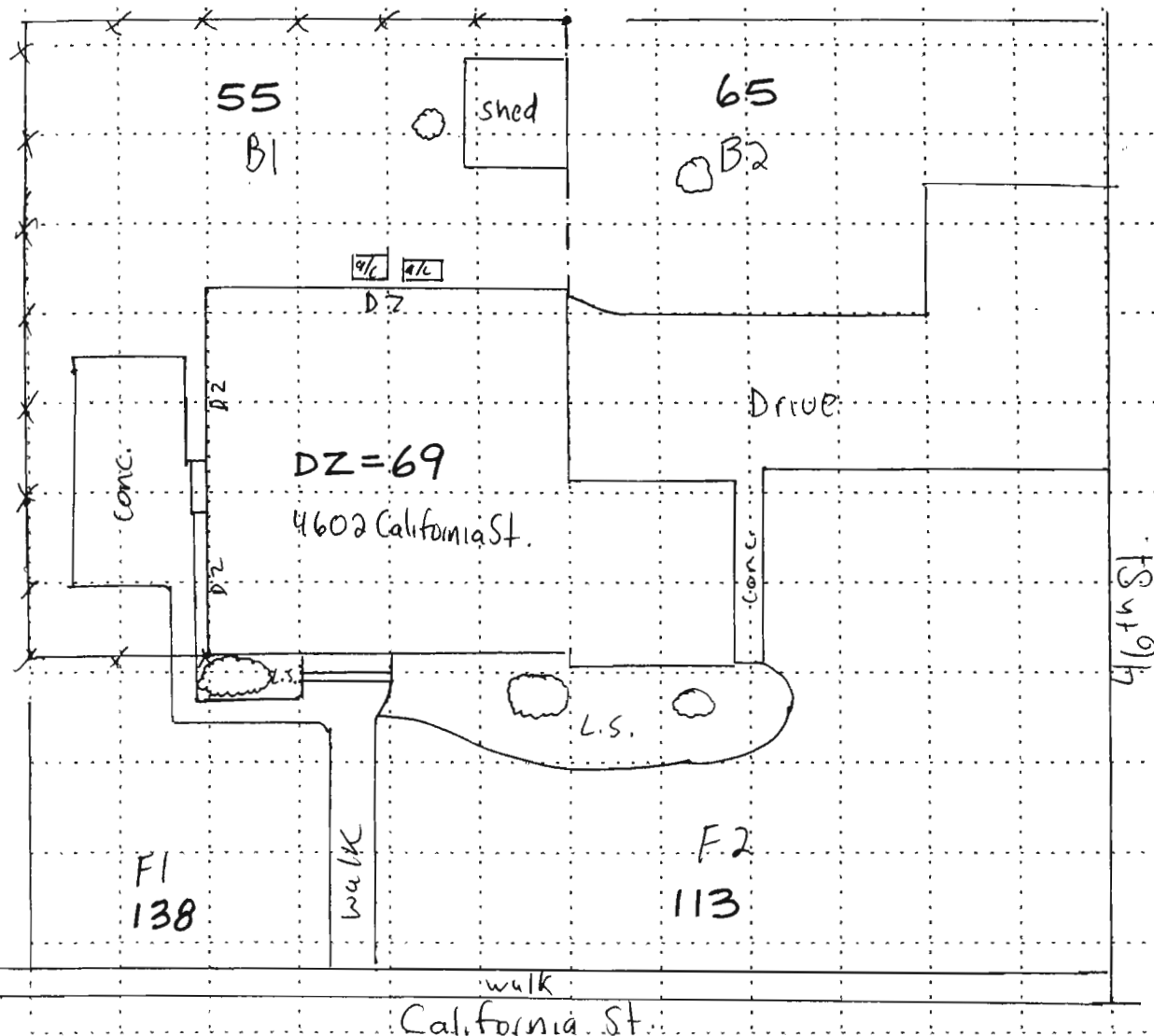
Firm: MES-A.H./J.H.Date: 12/21/05Time: 10:10

Samples Analyzed

XRF Unit: 1037 Book: 143Date: 1-11-06Time: PmStaff: LA

ENTERED

JAN 03 2006





49766



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted BySEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-6-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 4602 CALIFORNIA ST

OMAHA NE 68132
(CITY) (STATE) (ZIP)

Owner Name: DONALD GILLOTTE JR

Owner address: 4602 CALIFORNIA ST, OMAHA, NE 68132

Owner's telephone number - Home: 402-932-4105 Work: _____

Age of home: 49 years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)

House - wood siding - 100% painted.

Shed - wood siding - 100% painted.

Description of conditions which could contribute to paint deterioration: None.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



49766

LEGEND: H - N - P - 01 - 12345

— BVID Number
 — Sample Number
 — Material: P = Paint
 — Side of Structure: N = North S = South E = East W = West
 — Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/21/05 Time: 10:35
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 49766	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 02 - 49766	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 03 - 49766	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 04 - 49766	<u>1</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 05 - 49766	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 06 - 49766	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 07 - 49766	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u> </u> - P - 08 - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>S</u> - <u>S</u> - P - <u>1</u> - 49766	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49766	_____ mg/cm ²	_____	_____	_____	_____ ft ²



49766

Owner Name: DONALD GILLOTTE JR

Address: 4602 CALIFORNIA ST

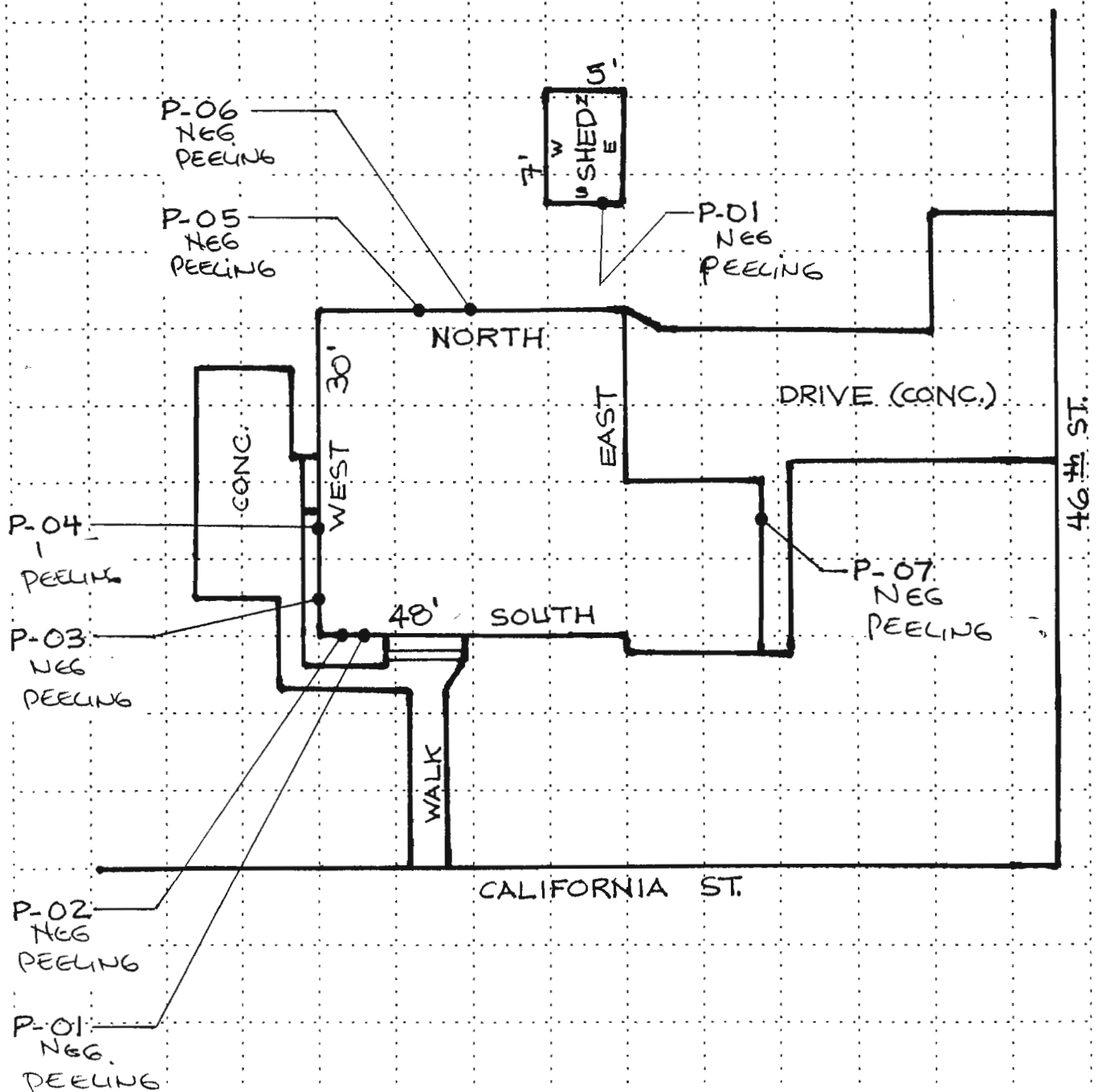
Phone: H: 402-932-4105 W:

**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow

**Plan View - Indicate number of stories and perimeter dimensions of structure****Indicate regions of deterioration and describe**

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





49766

Owner Name: DONALD GILLOTTE JR

Address: 4602 CALIFORNIA ST

Phone: H: 402-932-4105 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 580 ft²
South = 960 ft²
HOUSE East = 360 ft²
West = 600 ft²
Total Surface Painted Area = 2500 ft²

Surface Painted Area North = 40 ft²
South = 40 ft²
SHED East = 60 ft²
West = 60 ft²
Total Surface Painted Area = 200 ft²

Omaha Lead Site Drip Zone Study

BVID: 49864

In Situ Samples Analyzed		Ex Situ Samples Analyzed		Lab Samples Analyzed	
XRF Unit: _____	Book: _____	XRF Unit: <u>1037</u>	Book: <u>143</u>	ASR: _____	Date: _____
Date: _____	Time: _____	Date: <u>1-6-06</u>	Time: <u>AM</u>	Samples: _____	
Staff: _____		Staff: <u>LA</u>			

In Situ Samples Analyzed				Ex Situ Samples Analyzed			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- <u>E</u> - 49864		<u>1565</u>	☐	DZ 01- <u>N</u> - 49864		<u>1253</u>	☐
DZ 02- <u>E</u> - 49864		<u>1471</u>	☐	DZ 02- <u>N</u> - 49864		<u>1033</u>	☐
DZ 03- <u>E</u> - 49864		<u>2590</u>	☐	DZ 03- <u>N</u> - 49864		<u>946</u>	☐
DZ 04- <u>E</u> - 49864		<u>2624</u>	☐	DZ 04- <u>N</u> - 49864		<u>816</u>	☐
DZ 05- <u>E</u> - 49864		<u>1991</u>	☐	DZ 05- <u>N</u> - 49864		<u>753</u>	☐
DZ 06- <u>E</u> - 49864		<u>1526</u>	☐	DZ 06- <u>N</u> - 49864		<u>532</u>	☐
DZ 07- <u>E</u> - 49864		<u>966</u>	☐	DZ 07- <u>N</u> - 49864		<u>528</u>	☐
DZ 08- <u>E</u> - 49864		<u>741</u>	☐	DZ 08- <u>N</u> - 49864		<u>442</u>	☐
DZ 09- <u>E</u> - 49864		<u>855</u>	☐	DZ 09- <u>N</u> - 49864		<u>415</u>	☐
DZ 10- <u>E</u> - 49864		<u>849</u>	☐	DZ 10- <u>N</u> - 49864		<u>462</u>	☐
DZ 11- <u>E</u> - 49864		<u>872</u>	☐	DZ 11- <u>N</u> - 49864		<u>394</u>	☒
DZ 12- <u>E</u> - 49864		<u>777</u>	☐	DZ 12- <u>N</u> - 49864		<u>330</u>	☐
DZ 13- <u>E</u> - 49864		<u>892</u>	☐	DZ 13- <u>N</u> - 49864		<u>282</u>	☐
DZ 14- <u>E</u> - 49864		<u>826</u>	☐	DZ 14- <u>N</u> - 49864		<u>250</u>	☐
DZ 15- <u>E</u> - 49864		<u>796</u>	☐	DZ 15- <u>N</u> - 49864		<u>232</u>	☐
DZ 16- <u>E</u> - 49864		<u>754</u>	☐	DZ 16- <u>N</u> - 49864		<u>223</u>	☐
DZ 17- <u>E</u> - 49864		<u>607</u>	☐	DZ 17- <u>N</u> - 49864		<u>182</u>	☐
DZ 18- <u>E</u> - 49864		<u>519</u>	☐	DZ 18- <u>N</u> - 49864		<u>184</u>	☐
DZ 19- <u>E</u> - 49864		<u>477</u>	☒	DZ 19- <u>N</u> - 49864		<u>178</u>	☐
DZ 20- <u>E</u> - 49864		<u>455</u>	☐	DZ 20- <u>N</u> - 49864		<u>167</u>	☐
DZ 20- <u>E</u> - 49864		<u>583</u>	☐	DZ 20- <u>N</u> - 49864		<u>159</u>	☐

of Samples: _____

201

of Samples: _____

201

Rev 0.9a2

Lab
Result

DZ19-EL-49864

437 ppm

Lab
Result

DZ11-NL-49864

356 ppm

044701.01.23

Owner Name: JOSE LAVEGA
 Address: 4713 Cuming ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

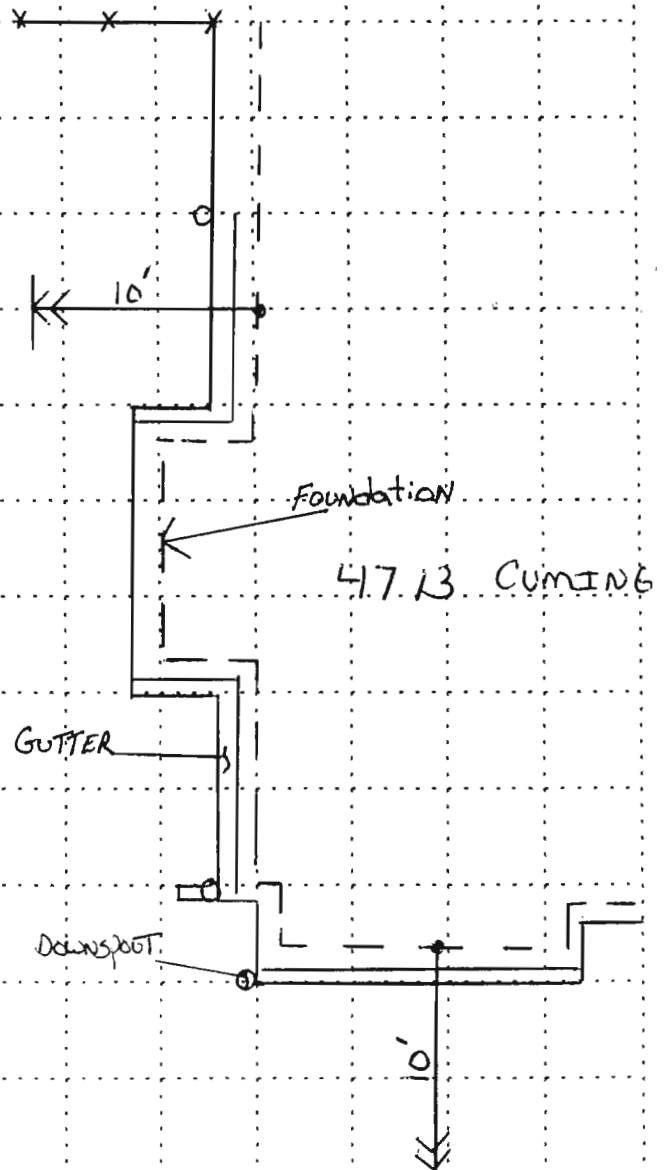
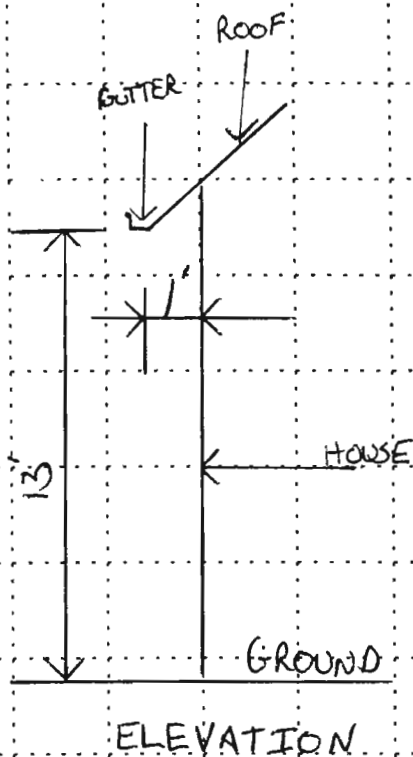
Exterior Paint
☒ Good
☐ Poor
☐ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 1' - 13' - 1 story
- YES
- PAINST
- BARE ground, PAINT chips
- EAST + NORTH
- TAKEN

CUMING ST

49864



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

x José Luis De la Vega
(Please Print Name)

(Property Owner Signature)

x November 30th, 2005
(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name:

☐ owner ☒ renter

Residence Address:

4713 Cuming St

OMAHA

(City)

(State)

(Zip)

Property owned by

Jose LAvega

Owner's mailing address:

PO Box 31453 - Omaha, NE 68131

Owner's telephone number - Home:

402-559-0363

Work:

402-306-1212

Age of home? 107 years

How long have you lived here? 8 years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants:

x 3

List Ages:

x 20, 20, 20

Ages of occupants under 6 years old who play in the yard for 5 or more hours per week:

Comments:

PRIORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

Activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Success Attempts:

Second:

Third:



49864



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By _____

(Please Print Name)

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 4713 CUMING ST

OMAHA

NE

68132

(CITY)

(STATE)

(ZIP)

Property owned by JOSE D LAVEGA

Owner's mailing address: P O BOX 31453, OMAHA, NE 68131

Owner's telephone number - Home: 306.1212

Work: _____

Age of home? 107 years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____ List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: _____

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: MT 11:30:05 10:00 AM Second: MT 12-1-05 10:00 AM Third: _____

SIGNED MT





49864

Owner Name: JOSE D LAVEGA

Address: 4713 CUMING ST

Phone: H: 559-0363 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☒ Good☐ Poor☐ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-49864	F1	403 ppm	☒	☐
RYBSCPXA-49864	F2	254 ppm	☒	☐
RYCSCPXA-49864	B1	901 ppm	☒	☐
RYDSCPXA-49864	B2	138 ppm	☒	☐
RDZSCPXA-49864	DZ	828 ppm	☒	☐
~~RGZSCPXA-49864~~	~~GZ~~	~~- ppm~~	☐	☐
~~RPZSCPXA-49864~~	~~PZ~~	~~- ppm~~	☐	☐

Samples Collected

Firm: MES-A.H./J.H.

Date: 12/21/05

Time: 2:10

Samples Analyzed

XRF Unit: 1037 Book: 143

Date: 1-6-06

Time: AM

Staff: LA

Number of Samples = 5 0

ENTERED

JAN 03 2006

901

B1

conc.

Garage

138

B2

Asphalt

DZ = 828

4713 Cuming St.

DZ

403

F1

254

F2

walk

Cuming St.



49864



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

11-30-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☒ No

Resident Address: 4713 CUMING ST

OMAHA NE 68132
(CITY) (STATE) (ZIP)

Owner Name: JOSE LUIS DELAVEGA

Owner address: P O BOX 31453, OMAHA, NE 68131

Owner's telephone number - Home: 402-559-0363

Work: 402-306-1212

Age of home: _____ years Paint Condition: ☒ < 10 ft² Deteriorated ☐ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)House - wood siding - 100% painted.
Garage - vinyl siding - 90%, 10% painted window/door trim, soffit & fascia.

Description of conditions which could contribute to paint deterioration: The foundation of the northeast side is cracked.

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





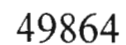
LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

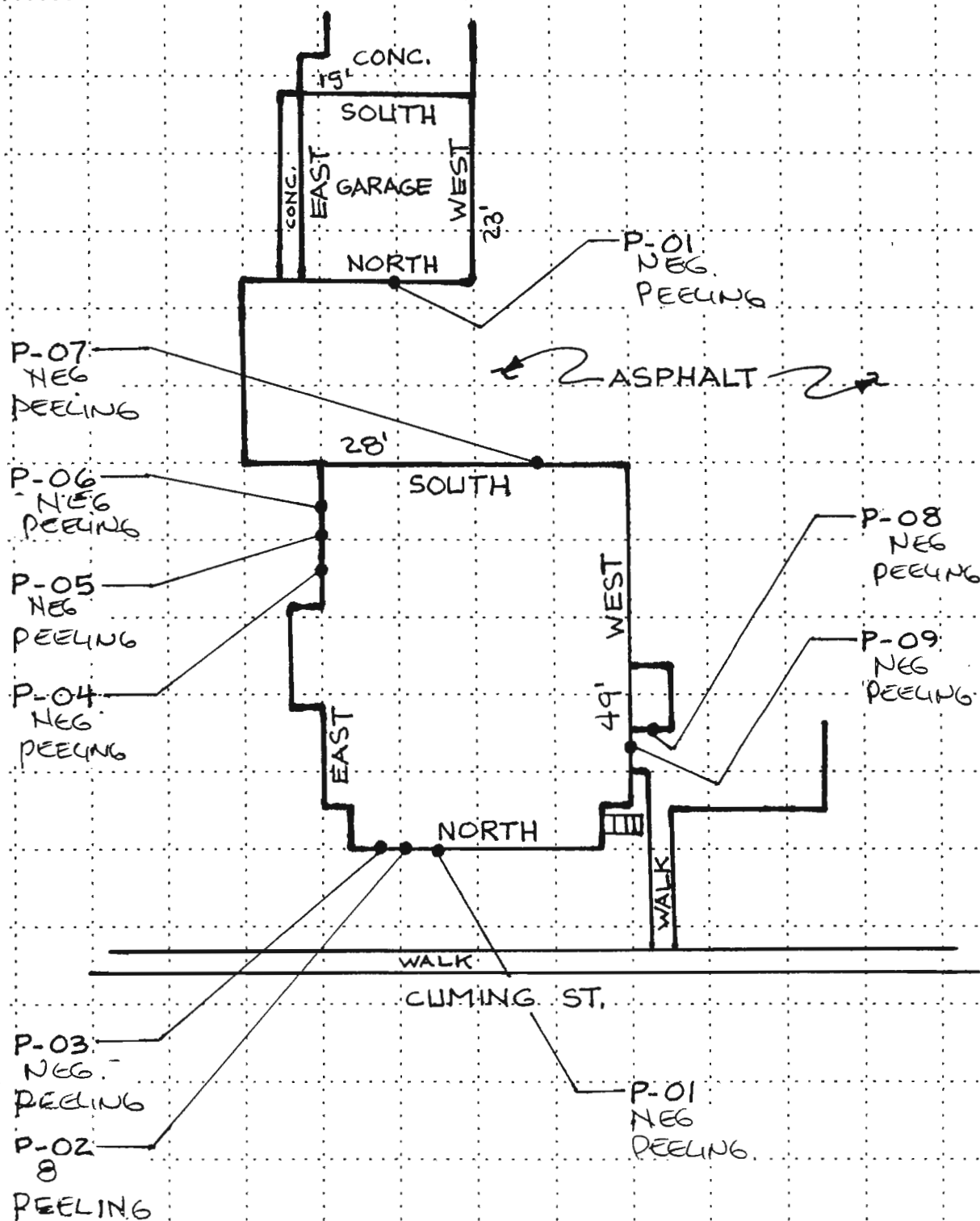
XRF Unit: 1 Book: 139
 Date: 12/21/05 Time: 2:35
 Staff: MES-A.H. / J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>N</u> - P - 01 - 49864	<u>NEG</u> mg/cm ²	<u>LATTICE</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>N</u> - P - 02 - 49864	<u>8</u> mg/cm ²	<u>TRIM</u>	<u>WOOD</u>	<u>BLUE</u>	<u>2</u> ft ²
H - <u>N</u> - P - 03 - 49864	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 04 - 49864	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>BLUE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 05 - 49864	<u>NEG</u> mg/cm ²	<u>FOUNDATION</u>	<u>CONC.</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>E</u> - P - 06 - 49864	<u>NEG</u> mg/cm ²	<u>DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>S</u> - P - 07 - 49864	<u>NEG</u> mg/cm ²	<u>TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>W</u> - P - 08 - 49864	<u>NEG</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>PURPLE</u>	<u>2</u> ft ²
H - <u>W</u> - P - 09 - 49864	<u>NEG</u> mg/cm ²	<u>BOARDED WINDOW</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u> </u> - P - 10 - 49864	mg/cm ²				ft ²
H - <u> </u> - P - 11 - 49864	mg/cm ²				ft ²
H - <u> </u> - P - 12 - 49864	mg/cm ²				ft ²
<u>G</u> - <u>N</u> - P - <u>1</u> - 49864	<u>NEG</u> mg/cm ²	<u>WINDOW</u>	<u>WOOD</u>	<u>GRAY</u>	<u>1</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²
<u> </u> - <u> </u> - P - <u> </u> - 49864	mg/cm ²				ft ²



**Omaha Lead Site
Site Sketch
LBP Assessment**

North Arrow





49864

Owner Name: JOSE LUIS DELAVEGA

Address: 4713 CUMING ST

Phone: H: 402-559-0363 W: 402-306-1212

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

HOUSE
Surface Painted Area North = 700 ft²
South = 700 ft²
East = 1030 ft²
West = 980 ft²
Total Surface Painted Area = 3410 ft²

GARAGE
Surface Painted Area North = 40 ft²
South = 30 ft²
East = 70 ft²
West = 70 ft²
Total Surface Painted Area = 210 ft²

Omaha Lead Site Drip Zone Study

BVID: 52373

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-5-06</u>		Time: <u>Pm</u>		Samples: _____		_____	
Staff: _____		_____		Staff: <u>LA</u>		_____		_____		_____	

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01-W-52373		<u>827</u>	☐	0	DZ 01-S-52373	<u>964</u>	☐
DZ 02-W-52373		<u>616</u>	☐	6	DZ 02-S-52373	<u>1015</u>	☐
DZ 03-W-52373		<u>1030</u>	☒	12	DZ 03-S-52373	<u>1180</u>	☐
DZ 04-W-52373		<u>499</u>	☐	18	DZ 04-S-52373	<u>816</u>	☐
DZ 05-W-52373		<u>367</u>	☐	24	DZ 05-S-52373	<u>719</u>	☐
DZ 06-W-52373		<u>306</u>	☐	30	DZ 06-S-52373	<u>520</u>	☐
DZ 07-W-52373		<u>286</u>	☐	36	DZ 07-S-52373	<u>582</u>	☐
DZ 08-W-52373		<u>256</u>	☐	42	DZ 08-S-52373	<u>504</u>	☐
DZ 09-W-52373		<u>220</u>	☐	48	DZ 09-S-52373	<u>484</u>	☐
DZ 10-W-52373		<u>213</u>	☐	54	DZ 10-S-52373	<u>401</u>	☐
DZ 11-W-52373		<u>149</u>	☐	60	DZ 11-S-52373	<u>327</u>	☐
DZ 12-W-52373		<u>127</u>	☐	66	DZ 12-S-52373	<u>255</u>	☐
DZ 13-W-52373		<u>111</u>	☐	72	DZ 13-S-52373	<u>287</u>	☒
DZ 14-W-52373		<u>80</u>	☐	78	DZ 14-S-52373	<u>199</u>	☐
DZ 15-W-52373		<u>127</u>	☐	84	DZ 15-S-52373	<u>254</u>	☐
DZ 16-W-52373		<u>136</u>	☐	90	DZ 16-S-52373	<u>223</u>	☐
DZ 17-W-52373		<u>124</u>	☐	96	DZ 17-S-52373	<u>169</u>	☐
DZ 18-W-52373		<u>127</u>	☐	102	DZ 18-S-52373	<u>205</u>	☐
DZ 19-W-52373		<u>137</u>	☐	108	DZ 19-S-52373	<u>200</u>	☐
DZ 20-W-52373		<u>121</u>	☐	114	DZ 20-S-52373	<u>194</u>	☐
DZ 20-W-52373		<u>145</u>	☐	120	DZ 20-S-52373	<u>144</u>	☐

# of Samples: 20 1	# of Samples: 20 1

Lab Result DZ03-WL-52373 1090 ppm	Lab Result DZ13-SL-52373 377 ppm

Rev 0.9a2

044701.01 23

Owner Name: WALTER DUOA
 Address: 4724 DAVENPORT ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.

A. POSITIVE

B. - 2.5' - 2 story

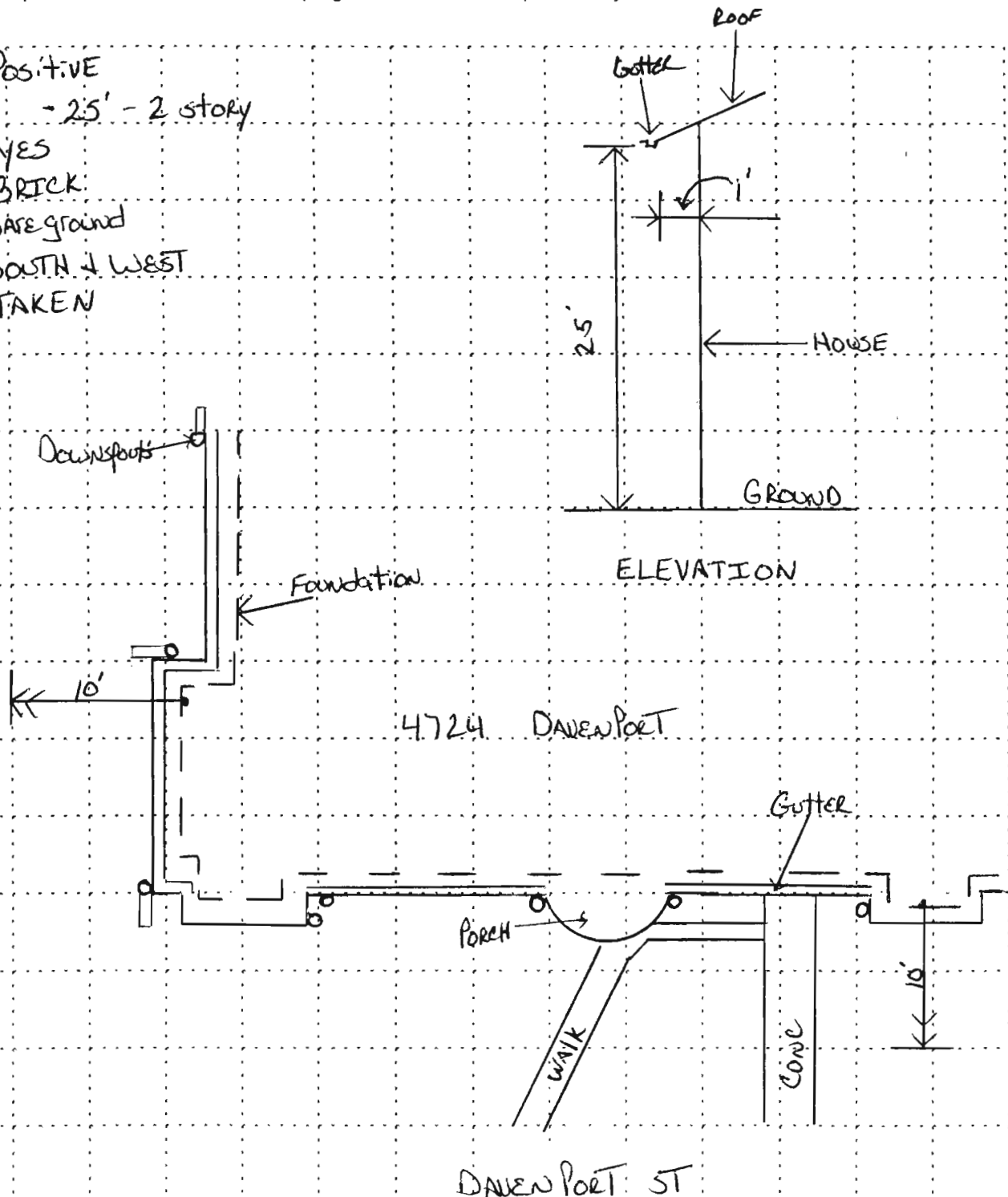
C. YES

D. BRICK

E. BARE ground

F. SOUTH & WEST

G. TAKEN





52373



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NE

Residential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie King al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahrke, EPA Project Manager, 1-913-551-7003 or Debbie King at the Office of External Programs, 1-800-223-0425.

Property Access Granted By THE DUDA COMPANY, OWNER
DUDA REALTY COMPANY, AGENT

(Please Print Name)

Walter Duda

(Property Owner Signature)

12/14/2005

(Date)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident or/and property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 4724 DAVENPORT ST

OMAHA
(City)

NE
(State)

68132
(Zip)

Property owned by WALTER DUDA

Owner's mailing address: C/O DUDA CO 617 S 37 ST, OMAHA, NE 68105

Owner's telephone number - Home: 402-341-4451

Work: _____

Age of home? _____ years How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☒ Yes ☐ No

Has the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: 22 List Ages: Adults

List ages of occupants under 6 years old who play in the yard for 6 or more hours per week: 0

Comments: 18 unit apartment building

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: _____ Second: _____ Third: _____





52373



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By _____

(Please Print Name)

12/14/05

(date)

(property Owner Signature)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 4724 DAVENPORT ST

OMAHA

NE

68132

(city)

(state)

(zip)

Property owned by WALTER DUDA

Owner's mailing address: C/O DUDA CO 617 S 37 ST, OMAHA, NE 68105

Owner's telephone number - Home: 402-341-4451

Work: _____

Age of home? _____ years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____ List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: 18 unit apartment building

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: _____ Second: _____ Third: _____





52373

Owner Name: WALTER DUDA

Address: 4724 DAVENPORT ST

Phone: H: 341-4451 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number

Lead
ConcentrationSample
Collected

LAB

RYASCPXA-52373	F1	107	ppm	☒	☐
RYBSCPXA-52373	F2	113	ppm	☒	☐
RYCSCPXA-52373	B1	178	ppm	☒	☐
RYDSCPXA-52373	B2	335	ppm	☒	☐
RDZSCPXA-52373	DZ	1515	ppm	☒	☐
RGZSCPXA-52373	GZ	-	ppm	☐	☐
RPZSCPXA-52373	PZ	-	ppm	☐	☐

Samples Collected

Firm: MES-A.H./J.H.

Date: 12/22/05

Time: 1:30

Samples Analyzed

XRF Unit: 1037 Book: 143

Date: 1-5-06

Time: PM

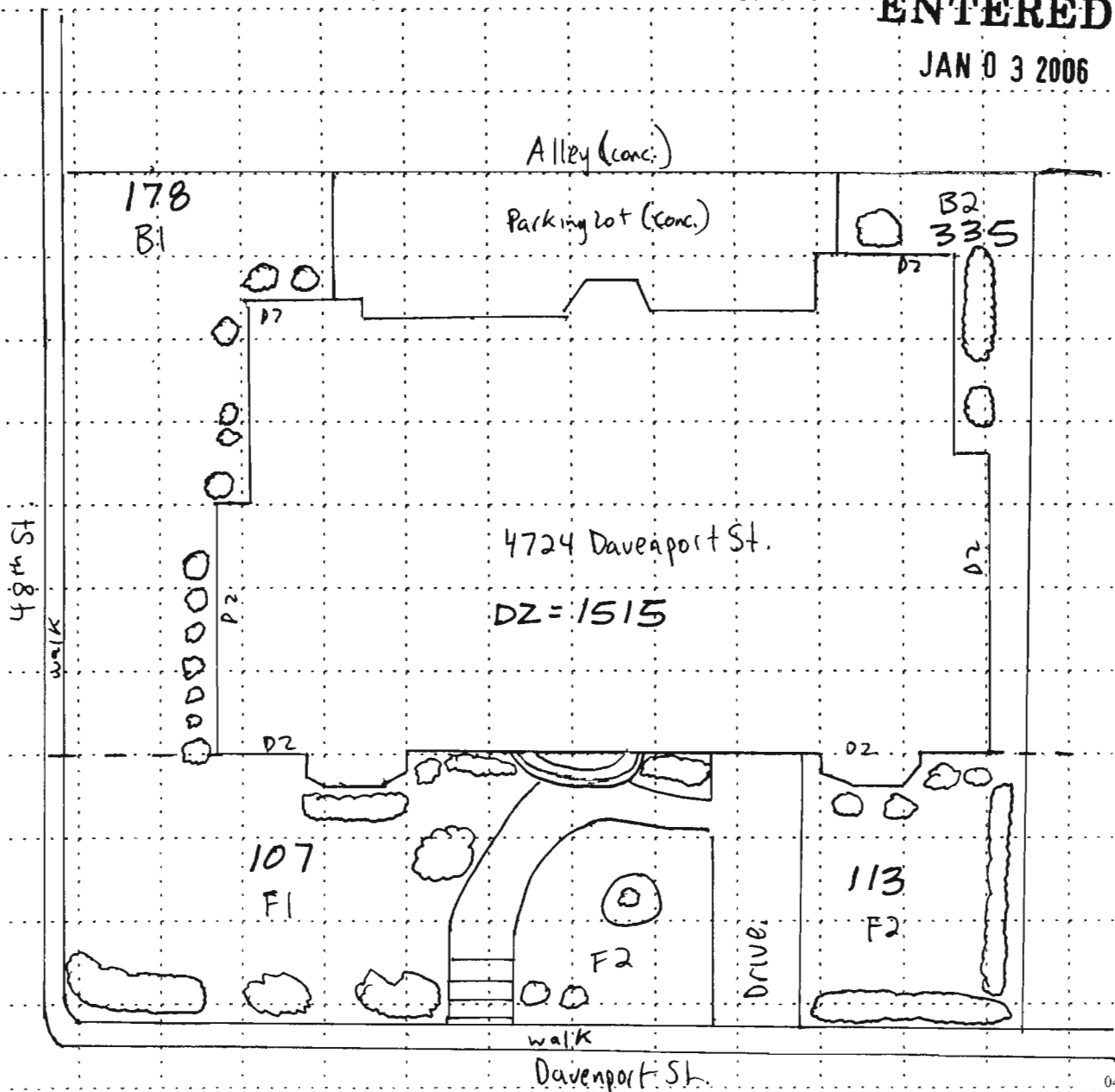
Staff: LA

Number of Samples = 5 0

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

ENTERED

JAN 03 2006





52373



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12/14/05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ No

Resident Address: 4724 DAVENPORT ST

OMAHA NE 68132
(CITY) (STATE) (ZIP)

Owner Name: WALTER DUDA

Owner address: C/O DUDA CO 617 S 37 ST, OMAHA, NE 68105

Owner's telephone number - Home: 402-341-4451 Work: _____

Age of home: _____ years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)Apartment complex is 95% brick with vinyl
window trim, 5% painted including porch columns, garage, basement window trim

Description of conditions which could contribute to paint deterioration: none

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____





LEGEND: H - N - P - 01 - 12345

BVID Number
 Sample Number
 Material: P = Paint
 Side of Structure: N = North S = South E = East W = West
 Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/22/05 Time: 2:00
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 52373	<u>3</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>S</u> - P - 02 - 52373	<u>21</u> mg/cm ²	<u>GARAGE/DOOR</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>S</u> - P - 03 - 52373	<u>37</u> mg/cm ²	<u>POUCH/COLUMN</u>	<u>WOOD</u>	<u>WHITE</u>	<u>6</u> ft ²
H - <u>W</u> - P - 04 - 52373	<u>NEG</u> mg/cm ²	<u>WINDOW/SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u>W</u> - P - 05 - 52373	<u>25</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>E</u> - P - 06 - 52373	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>1</u> ft ²
H - <u> </u> - P - 07 - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52373	_____ mg/cm ²	_____	_____	_____	_____ ft ²



52373

Owner Name: WALTER DUDA

Address: 4724 DAVENPORT ST

Phone: H: 402-341-4451 W:

Omaha Lead Site
Site Sketch
LBP Assessment

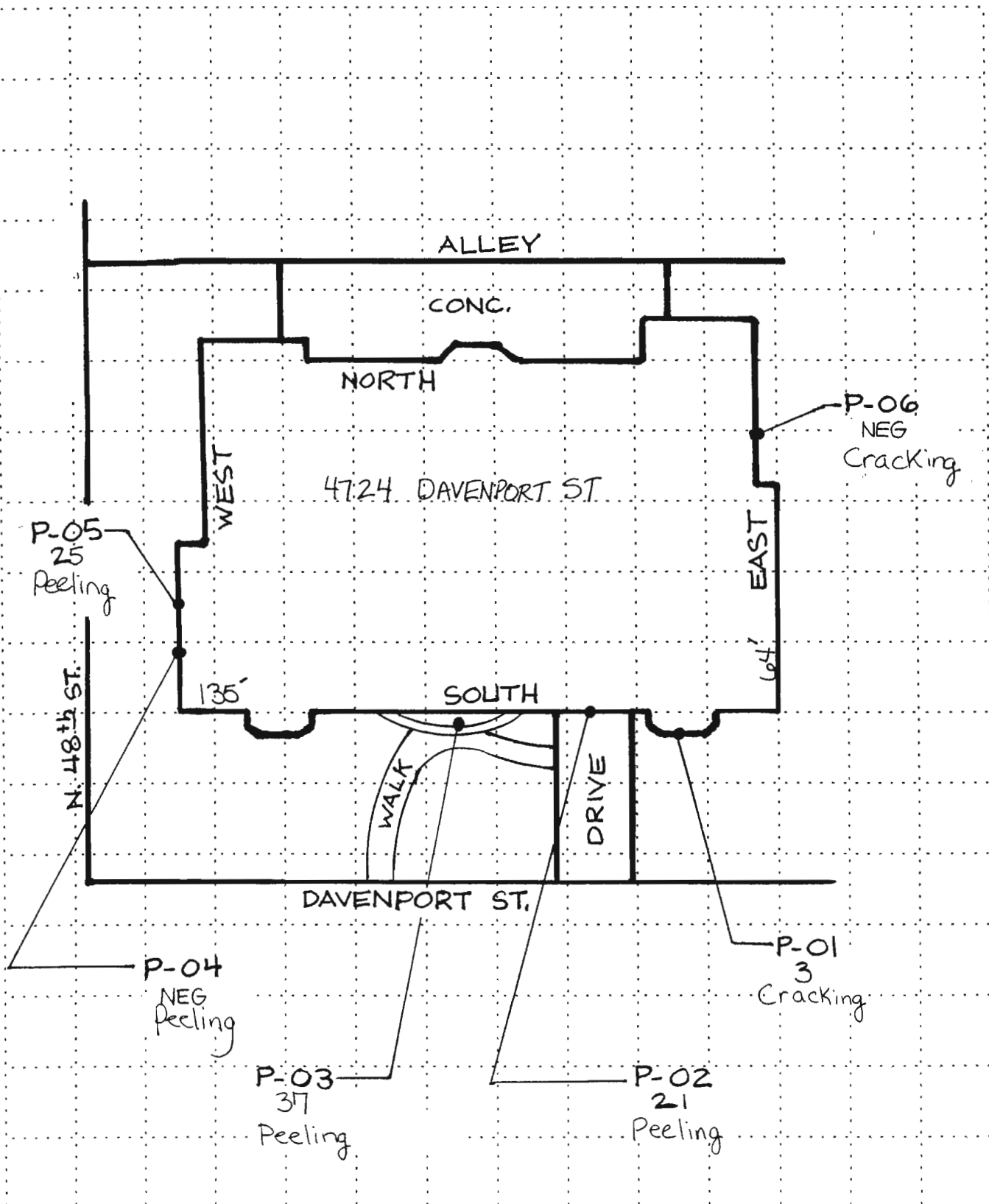
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





52373

Owner Name: WALTER DUDA

Address: 4724 DAVENPORT ST

Phone: H: 402-341-4451 W:

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 104 ft²
South = 315 ft²
House East = 25 ft²
West = 70 ft²
Total Surface Painted Area = 564 ft²

Omaha Lead Site Drip Zone Study

BVID: 52375

In Situ Samples Analyzed				Ex Situ Samples Analyzed				Lab Samples Analyzed			
XRF Unit: _____		Book: _____		XRF Unit: <u>1037</u>		Book: <u>143</u>		ASR: _____		Date: _____	
Date: _____		Time: _____		Date: <u>1-5-06</u>		Time: <u>PM</u>		Samples: _____			
Staff: _____				Staff: <u>LA</u>							

Overhang: _____				Overhang: _____			
Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
DZ 01- ~~E~~ - 52375		<u>87</u>	☐	DZ 01- ~~S~~ - 52375		<u>33</u>	☐
DZ 02- ~~E~~ - 52375		<u>51</u>	☐	DZ 02- ~~S~~ - 52375		<u>33</u>	☐
DZ 03- ~~E~~ - 52375		<u>65</u>	☐	DZ 03- ~~S~~ - 52375		<u>59</u>	☐
DZ 04- ~~E~~ - 52375		<u>73</u>	☐	DZ 04- ~~S~~ - 52375		<u>51</u>	☐
DZ 05- ~~E~~ - 52375		<u>126</u>	☐	DZ 05- ~~S~~ - 52375		<u>55</u>	☐
DZ 06- ~~E~~ - 52375		<u>104</u>	☐	DZ 06- ~~S~~ - 52375		<u>52</u>	☐
DZ 07- ~~E~~ - 52375		<u>118</u>	☐	DZ 07- ~~S~~ - 52375		<u>79</u>	☐
DZ 08- ~~E~~ - 52375		<u>132</u>	☐	DZ 08- ~~S~~ - 52375		<u>74</u>	☐
DZ 09- ~~E~~ - 52375		<u>144</u>	☐	DZ 09- ~~S~~ - 52375		<u>85</u>	☐
DZ 10- ~~E~~ - 52375		<u>120</u>	☐	DZ 10- ~~S~~ - 52375		<u>99</u>	☐
DZ 11- ~~E~~ - 52375		<u>240</u>	☐	DZ 11- ~~S~~ - 52375		<u>95</u>	☐
DZ 12- ~~E~~ - 52375		<u>154</u>	☒	DZ 12- ~~S~~ - 52375		<u>100</u>	☐
DZ 13- ~~E~~ - 52375		<u>136</u>	☐	DZ 13- ~~S~~ - 52375		<u>99</u>	☐
DZ 14- ~~E~~ - 52375		<u>168</u>	☐	DZ 14- ~~S~~ - 52375		<u>136</u>	☐
DZ 15- ~~E~~ - 52375		<u>161</u>	☐	DZ 15- ~~S~~ - 52375		<u>126</u>	☐
DZ 16- ~~E~~ - 52375		<u>173</u>	☐	DZ 16- ~~S~~ - 52375		<u>123</u>	☐
DZ 17- ~~E~~ - 52375		<u>189</u>	☐	DZ 17- ~~S~~ - 52375		<u>136</u>	☐
DZ 18- ~~E~~ - 52375		<u>211</u>	☐	DZ 18- ~~S~~ - 52375		<u>150</u>	☐
DZ 19- ~~E~~ - 52375		<u>176</u>	☐	DZ 19- ~~S~~ - 52375		<u>131</u>	☒
DZ 20- ~~E~~ - 52375		<u>193</u>	☐	DZ 20- ~~S~~ - 52375		<u>128</u>	☐
DZ 21- ~~E~~ - 52375		<u>163</u>	☐	DZ 21- ~~S~~ - 52375		<u>141</u>	☐

# of Samples: 20 1	# of Samples: 20 1

Lab Result DZ12-EL-52375 142 ppm	Lab Result DZ19-SL-52375 117 ppm

Rev 0.9a2
044701.01.23

Owner Name: GERALD MANCUSO
 Address: 4624 DAVENPORT ST
 Phone: H: _____ W: _____

Omaha Lead Site Site Sketch

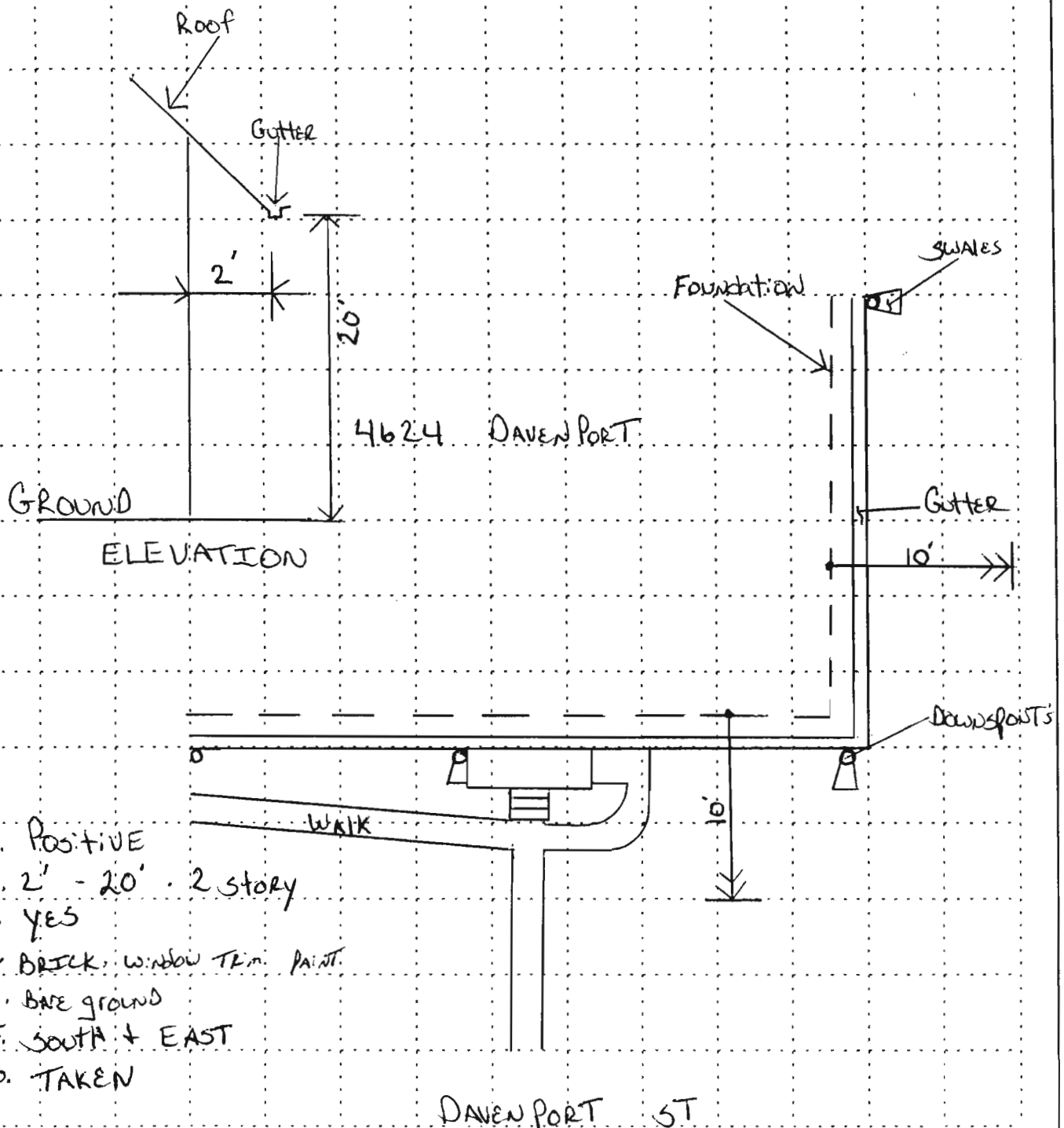
Exterior Paint
☐ Good
☐ Poor
☒ Not paint

North Arrow



Record the following information:

- Site grading and drainage (positive, away from structure or negative).
- Number of stories, roof overhang (measured if possible) and distance from ground to soffit;
- Presence of gutters, location of downspouts and drainage swales;
- Exterior finish (paint, vinyl siding, brick).
- DZ features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- DZ sample ladder locations and wall orientation (N, S, E, W)
- Digital photos will be taken at each sampling location. Additional photos may be taken.



- POSITIVE
- 2' - 20' - 2 story
- YES
- BRICK, WINDOW TRIM PAINT
- BARE ground
- SOUTH + EAST
- TAKEN

DEC-7-2005 02:09P FROM: MARC ENVIRO

4024932271

TO: 14025647042

P. 2



52375



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study

PROPERTY ACCESS (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Behnke, EPA Project Manager, 1-813-551-7063 or Debbie Kring at the Office of External Programs, 1-800-223-0425

Property Access Granted By

X G. P. Mancuso

(Please Print Name)

12/5/05

(date)

X G. P. Mancuso

(Property Owner Signature)

NOTE: Granting permission DOES NOT necessarily imply your property will be sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renterResidence Address: 4824 DAVENPORT STOMAHANE68132

(CITY)

(STATE)

(ZIP)

Property owned by GERALD P MANCUSOOwner's mailing address: 2821 13 ST, COLUMBUS, NE 68601Owner's telephone number - Home: 402-564-8917Work: 402-564-7180

Age of home? _____ years

How long have you lived here? _____ years

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☒ NoHas the interior been painted or covered since 1978? ☒ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: 8 unit apartment building - DZ Study

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent

SignedFirst 12:15 pm 12/05/05 Second: _____

Third: _____





52375



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Investigation/
Feasibility Study**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llame Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of levels of lead and other metals in surface soils within the Omaha, Nebraska area. Your cooperation is requested in giving BVSPC/EPA permission to access your property for the purpose of surface soil sampling analysis in support of this study. For further information contact Don Bahnke, EPA Project Manager, 1-913-551-7003 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

(Please Print Name)

(property Owner Signature)

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

☐ owner ☐ renter

Residence Address: 4624 DAVENPORT ST

OMAHA

NE

68132

(CITY)

(STATE)

(ZIP)

Property owned by GERALD P MANCUSO

Owner's mailing address: 2921 13 ST, COLUMBUS, NE 68601

Owner's telephone number - Home: _____

Work: 402-564-7180

Age of home? _____ years

How long have you lived here? _____ years

Fax 1-402-564-7042

Has the exterior been painted or covered with siding since 1978? ☐ Yes ☐ NoHas the interior been painted or covered since 1978? ☐ Yes ☐ No

Total number of occupants: _____

List Ages: _____

List ages of occupants under 6 years old who play in the yard for 5 or more hours per week: _____

Comments: 6 unit apartment building

AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604. EPA's right of access to the property for in Section 104(e) of CERCLA, 42 U.S.C. 9604(e), which provides entry for, "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts: Letter sent:

First: 12:15 pm 12/05/05

Second: _____

Third: _____





52375

Owner Name: GERALD P MANCUSO

Address: 4624 DAVENPORT ST

Phone: H: 564-8917 W:

Omaha Lead Site
Site Sketch

Exterior Paint

☐ Good☐ Poor☒ Not paint

North Arrow



Sample Number	Lead Concentration	Sample Collected	LAB
RYASCPXA-52375 F1	105 ppm	☒	☐
RYBSCPXA-52375 F2	109 ppm	☒	☐
RYCSCPXA-52375 B1	152 ppm	☒	☐
RYDSCPXA-52375 B2	230 ppm	☒	☐
RDZSCPXA-52375 DZ	125 ppm	☒	☐
~~RGZSCPXA-52375 GZ~~	~~- ppm~~	☐	☐
~~RPZSCPXA-52375 PZ~~	~~- ppm~~	☐	☐

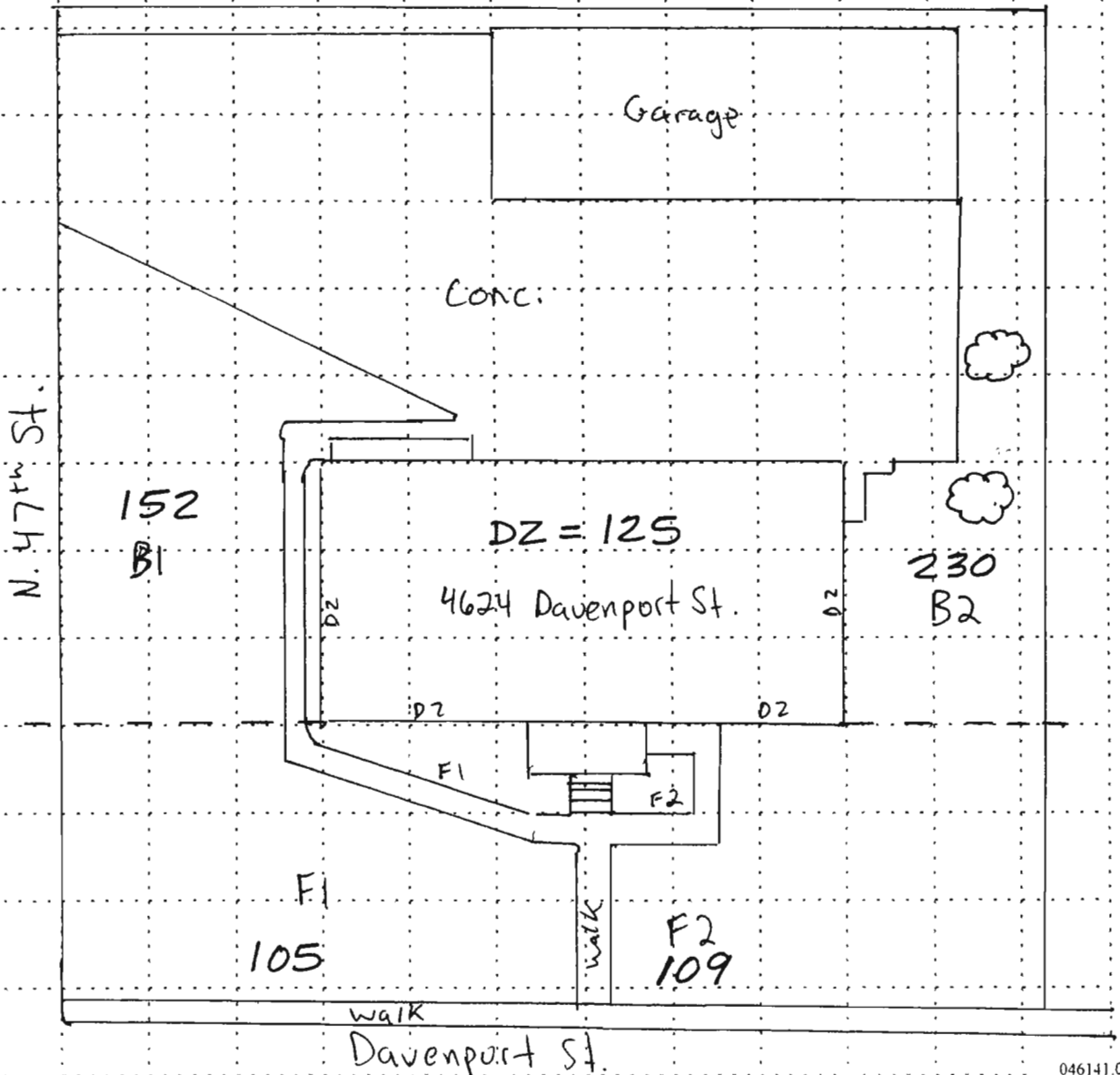
Number of Samples = 5 0

Samples Collected	
Firm:	MES-A.H./J.H.
Date:	12/22/05
Time:	12:30

Samples Analyzed	
XRF Unit:	1037 Book: 143
Date:	1-5-06
Time:	AM
Staff:	LA

Legend: F1 = Front Left, F2 = Front Right, B1 = Back Left, B2 = Back Right DZ = Drip Zone, GZ = Garden, PZ = Play
All quadrants are as viewed from the street, facing property

JAN 03 2006





52375



U.S. Environmental Protection Agency Region VII

Omaha Lead Site
Omaha, NEResidential Yard Soils
Remedial Design
Lead Based Paint Assessments**PROPERTY ACCESS** (to be completed by property owner)

Para recibir esta forma en español, por favor llámé Debbie Kring al 1-800-223-0425

Black & Veatch Special Projects Corp. (BVSPC) is under contract with the U.S. Environmental Protection Agency (EPA) to assist in the determination of exterior paint condition and lead content at remediated within the Omaha, Nebraska area. Your cooperation is requested in giving EPA and EPA contractors permission to access your property for the purpose of paint sampling analysis. For further information contact the local EPA Public Information Center, 402-731-3045 or Debbie Kring at the Office of External Programs, 1-800-223-0425.

Property Access Granted By

SEE SOIL SAMPLING ACCESS
SHEET FOR SIGNATURE

(property Owner Signature)

(Please Print Name)

12-5-05

(date)

NOTE: Granting permission DOES NOT necessarily imply your property will sampled at this time.

PROPERTY INFORMATION

(to be completed by resident and/or property owner - Please Print)

Resident Name: _____

Owner Occupied? ☐ Yes ☐ NoResident Address: 4624 DAVENPORT STOMAHA NE 68132
(CITY) (STATE) (ZIP)Owner Name: GERALD P MANCUSOOwner address: 2921 13 ST, COLUMBUS, NE 68601Owner's telephone number - Home: 402-564-8917Work: 402-564-7180Age of home: 51 years Paint Condition: ☐ < 10 ft² Deteriorated ☒ ≥ 10 ft² DeterioratedGeneral Description of Exterior Materials:
(type of siding, and approximate % of exterior painted)Apartment complex 95% brick, 5% paintedincluding soffits & window trim. Garage 100% paintedDescription of conditions which could contribute to paint deterioration: none**AUTHORITY FOR ENVIRONMENTAL RESPONSE ACTIONS**

The activities to be implemented by EPA under this agreement are pursuant to Section 104 of CERCLA, 42 U.S.C. 9604, for "determining the need for response, or choosing or taking any response action under this title, or otherwise enforcing the provisions of this title."

Access Attempts:

First: _____ Second: _____ Third: _____



Omaha Lead Site LBP Assessment



52375

LEGEND: H - N - P - 01 - 12345

— BVID Number
 — Sample Number
 — Material: P = Paint
 — Side of Structure: N = North S = South E = East W = West
 — Structure Type: H = House G = Garage S = Shed F = Fence

Samples Analyzed

XRF Unit: 1 Book: 139
 Date: 12/22/05 Time: 1:05
 Staff: MES-A.H./J.H.

Sample Number	Concentration	Structure/Feature (Window, siding, porch, etc.)	Substrate (Wood, concrete, etc.)	Color	Deteriorated Area
H - <u>S</u> - P - 01 - 52375	<u>NEG</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u>S</u> - P - 02 - 52375	<u>3</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
H - <u>S</u> - P - 03 - 52375	<u>5</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>6</u> ft ²
H - <u>W</u> - P - 04 - 52375	<u>5</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>3</u> ft ²
H - <u>N</u> - P - 05 - 52375	<u>6</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>10</u> ft ²
H - <u>E</u> - P - 06 - 52375	<u>4</u> mg/cm ²	<u>WINDOW/TRIM</u>	<u>WOOD</u>	<u>WHITE</u>	<u>2</u> ft ²
H - <u> </u> - P - 07 - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 08 - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 09 - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 10 - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 11 - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
H - <u> </u> - P - 12 - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u>G</u> - <u>S</u> - P - <u>1</u> - 52375	<u>NEG</u> mg/cm ²	<u>COLUMN</u>	<u>WOOD</u>	<u>WHITE</u>	<u>4</u> ft ²
<u>G</u> - <u>S</u> - P - <u>2</u> - 52375	<u>7</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>8</u> ft ²
<u>G</u> - <u>N</u> - P - <u>3</u> - 52375	<u>NEG</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>5</u> ft ²
<u>G</u> - <u>E</u> - P - <u>4</u> - 52375	<u>5</u> mg/cm ²	<u>SIDING</u>	<u>WOOD</u>	<u>WHITE</u>	<u>12</u> ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²
<u> </u> - <u> </u> - P - <u> </u> - 52375	_____ mg/cm ²	_____	_____	_____	_____ ft ²



52375

Owner Name: GERALD P MANCUSO

Address: 4624 DAVENPORT ST

Phone: H: 402-564-8917 W: 402-564-7180

Omaha Lead Site
Site Sketch
LBP Assessment

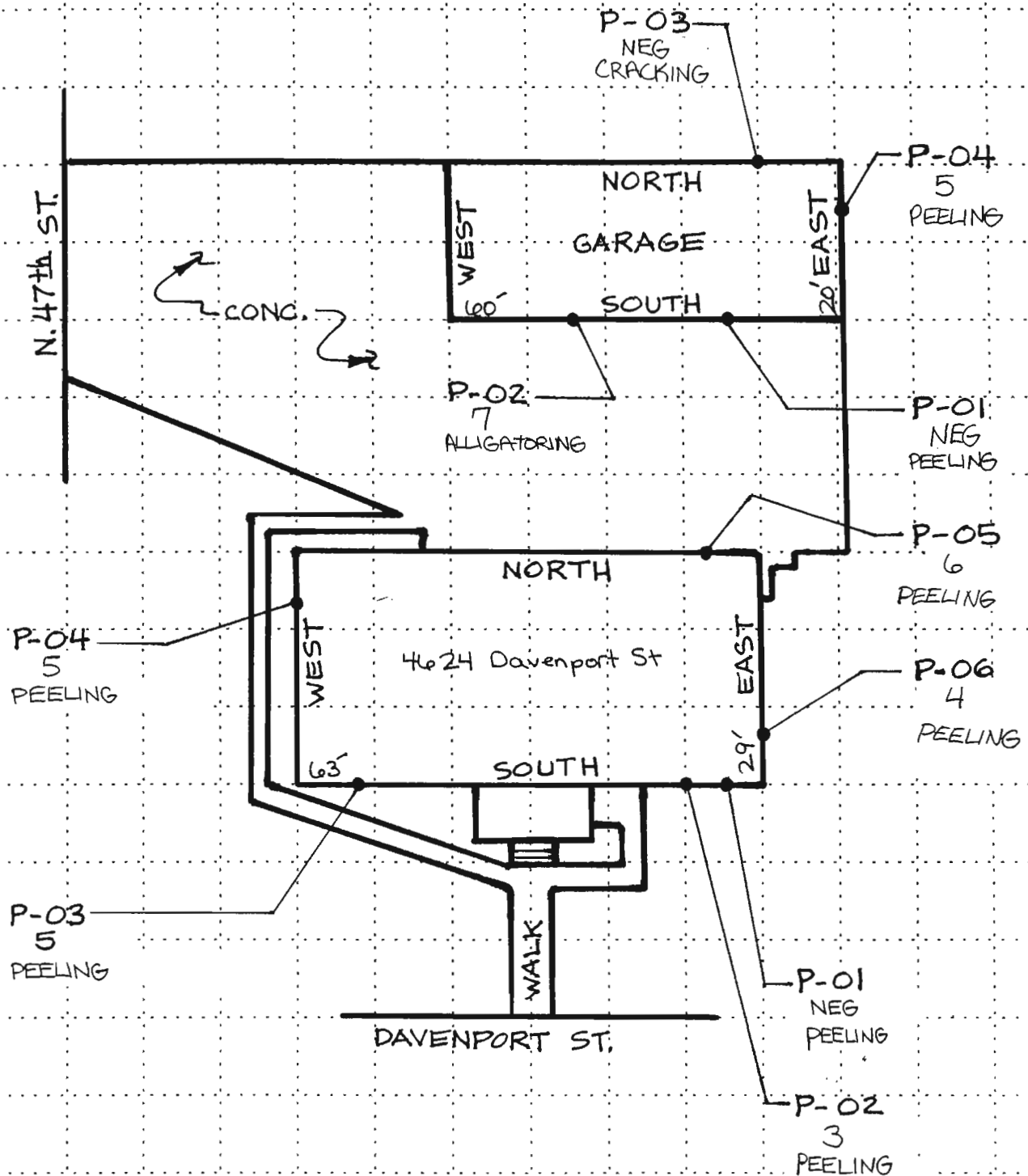
North Arrow



Plan View - Indicate number of stories and perimeter dimensions of structure

Indicate regions of deterioration and describe

(Deterioration could include chalking, mildew, worn due to friction, checking, cracking and flaking, alligating, blistering and/or peeling)





52375

Owner Name: GERALD P MANCUSO

Address: 4624 DAVENPORT ST

Phone: H: 402-564-8917 W: 402-564-7180

Omaha Lead Site
LBP Assessment

North Arrow

Additional Notes

Surface Painted Area North = 1166 ft²
South = 186 ft²
East = 47 ft²
West = 78 ft²
Total Surface Painted Area = 477 ft²

APARTMENT

Surface Painted Area North = 300 ft²
South = 200 ft²
East = 120 ft²
West = 40 ft²
Total Surface Painted Area = 660 ft²

GARAGE