Appendix L

Lead Based Paint Recontamination Study Report

Prepared for:
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Region 7
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Final
Final Lead-Based Paint Recontamination Study Report

Omaha Lead Site
Omaha, Nebraska

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Table of Contents

Figures

Tables

Appendices

1.0 Introduction

Black & Veatch Special Projects Corp (BVSPC) has been tasked by the Environmental Protection Agency (EPA) Region 7 to perform a lead based paint (LBP) recontamination study at the Omaha Lead Site (OLS) in Omaha, Nebraska. The purpose of the study is to collect data to help determine the potential for deteriorating LBP on residential homes to elevate soil lead levels at previously remediated properties. The study at the OLS was performed under Task Order 0101 of EPA Contract No. EP-S7-05-06.

EPA began sampling residential properties and properties used for licensed child-care services in March 1999. Between March 1999 and August 2008, surface soil samples were collected and analyzed from over 35,000 residential properties. The initial boundaries of the OLS Focus Area were established at the time the site was listed on the EPA National Priorities List (NPL) in 2003. During the Remedial Investigation (RI) in 2004, the OLS Focus Area was expanded to include the area south of L Street to the Sarpy County line (Harrison Street), an area north of Ames Avenue to Redick Avenue, and an area to the west of 45th Street. The focus area was expanded in 2008 to include a portion of the area north to Read Street and west to 56th Street.

In 1999, EPA initiated response actions at the OLS involving excavation of lead-contaminated soil and replacement with clean soil. The December 2004 Interim Record of Decision (ROD) expanded the scope of the response actions to be performed at the OLS to include excavation and replacement of contaminated soils at residential properties with surface soil lead concentrations exceeding 800 ppm. In addition, child-care facilities and properties where children with elevated blood lead levels reside were made eligible for remediation if one or more mid-yard soil samples exceed 400 ppm. If the property is eligible for remediation, all soils that test greater than 400 ppm are removed, including drip-zone soils.

EPA authority under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) to respond to the release of hazardous substances is generally limited to the cleanup of exterior environmental media, and in most cases excludes consumer products in consumer use (such as house paint). The primary environmental media being addressed at the OLS by the EPA response action is lead-contaminated soil. However, the continued effectiveness of a completed soil cleanup at a property is potentially threatened if LBP present on the exterior structure surfaces deteriorates to the point that small paint particles are produced which could become incorporated into the surface soil, resulting in soil lead concentrations that potentially exceed risk-based cleanup goals. Consistent with current policy, EPA has determined that CERCLA response authority can be applied to stabilization of deteriorating exterior LBP in cases where EPA determines that the continued effectiveness of the remedy is threatened and other parties are not available to perform this work.

During the planning for the long-term cleanup at the OLS, EPA recognized that

additional studies were needed to support a final remedy, but considered the need to move forward with an interim remedy to perform soil cleanups at the most highly contaminated properties. The Interim ROD for the OLS issued by EPA on December 15, 2004, expanded the scope of the ongoing response action to include stabilization of exterior LBP. The interim remedy now underway includes stabilization of deteriorating exterior LBP in cases where the continued effectiveness of the remedy is threatened because remediated soils could become recontaminated by small paint particles mixing with soil.

1.1 Previous Studies

In the absence of established criteria to determine the eligibility of structures to receive exterior LBP stabilization, EPA is applying a "worst case first" strategy under the interim remedy to address structures that pose the greatest threat to previously remediated soils. The lead content and condition of exterior paint is assessed for all structures located on remediated properties and on those properties that are eligible for future soil remediation under the interim remedy. An assessment of individual structures is currently used to rank properties for eligibility for exterior LBP stabilization. Under the interim remedy, EPA is proceeding with exterior LBP stabilization on those structures determined to pose the greatest threat to the continued effectiveness of soil remediation.

EPA recognizes that development of final eligibility criteria for exterior LBP stabilization is necessary to support a final remedy for the OLS. Continuing to apply a worst-case-first approach would eventually result in stabilization of exterior LBP on all structures within the OLS, which is clearly not required to protect the continued effectiveness of the remedy. Only structures where deteriorating LBP is determined to threaten the continued effectiveness of the remedy will be eligible for LBP stabilization under the final remedy.

This Recontamination Study is being designed and implemented to generate data and information that will assist in development of eligibility criteria in the Final ROD for the OLS. The recontamination study measures the increase in soil lead concentrations near structures that has occurred since soil remediation was performed and evaluates such factors as the amount of time lapsed since soil remediation occurred and the severity of deteriorating LBP conditions on structures. The recontamination study builds upon information generated during previous studies which evaluated the impact and severity of deteriorating exterior LBP at the OLS. In particular, these previous studies of interest include the Drip Zone Width Study which characterized soil lead levels near structures prior to soil remediation and exterior LBP assessments which commenced on structures at the OLS in 2006.

The interim ROD stated that "In order to prevent the re-contamination of the clean soil placed in yards after excavation, loose and flaking exterior lead-based paint that threatens the continued protectiveness of the remedy will be stabilized on affected structures prior to soil

excavation. Only those homes and other structures where lead-based paint is visibly flaking and deteriorating will be addressed." Since many structures in the focus area have some amount of visibly flaking and deteriorating LBP, EPA determined that a protocol should be developed during the interim remedy to assess the degree of LBP deterioration on structures in order to rank properties which would enable EPA to address the most severe cases of deteriorating LBP first.

EPA subsequently developed a protocol for ranking the severity of deteriorating LBP on structures that involves a soil mixing calculation that is based on the amount of LBP that could potentially fall to the ground, mix with the soil, and cause elevated soil lead concentrations. EPA identified input criteria that were needed to develop the soil mixing calculation. These criteria included the depth that the LBP would mix with surface soil and the distance from the home's foundation where the LBP could potentially mix with the soil. The depth used for the mixing calculation assumes that the LBP would mix with the soil in the top 1-inch since this is the surface soil horizon specified in the *Superfund Lead-Contaminated Residential Sites Handbook* to collect samples to assess exposure to residential soil (EPA, 2003). The Handbook indirectly characterizes the drip zone width as being between 6 inches to 30 inches from the exterior walls of the house by specifying that samples of the drip zone should be collected at that distance from the exterior walls of the house.

EPA recognized that the drip zone width was a critical input into the soil mixing calculation and that the distance specified in the Handbook might not represent the actual distance from the foundation that could potentially be impacted by lead contamination at Omaha properties. In addition to LBP, other factors could impact the distribution of lead in areas near foundations at the OLS including airborne deposition of historic industrial emissions and wash-off of lead particulates impinged on roofs, siding, or other structure surfaces. Characterization of lead concentrations in drip zone areas at the OLS was necessary to determine a representative drip zone width to be used in the soil mixing calculation.

1.2 Drip Zone Width Study

EPA performed a Drip Zone Width Study (DZWS) in 2005 to obtain site-specific information to use as an input to the soil mixing calculation. The drip zone is the area surrounding a residence that can be most readily impacted by exterior lead-based paint. Soil lead levels in drip zones can also be impacted by deposited or impinged airborne contaminants that wash from the roof or siding of structures. The drip zone includes the area adjacent to the exterior walls, overhung by eaves and guttering, if present.

BVSPC developed a DZWS Field Sampling Protocol (BVSPC, 2005) and conducted field sampling of drip zones from December 19 - 27, 2005. Thirty residences were included in the study. Soil samples were collected at 6- inch intervals on two adjacent sides of the home

from the exterior wall to 10 feet from the home. The soil samples were processed at the BVSPC field office in the same manner as other residential soil samples and were analyzed using an X-ray fluorescence (XRF) instrument.

The DZWS characterized the drip zone widths at the OLS for a representative group of homes in terms of age, location, construction type, and exterior finish. The Drip Zone Width Study provided data that determined the distance from the house foundation that was impacted by lead concentrations exceeding the soil screening level of 400 ppm was, on average, approximately 6 feet. This 6-foot width and one-inch surface soil horizon were incorporated in the mixing calculation for making quantitative assessments of the severity of the LBP problem on individual structures. EPA used this information along with the other inputs described in Appendix A, LBP Assessment Soil Mixing Calculations, to develop the quantitative LBP assessment protocols applied to OLS properties.

1.3 Lead-Based Paint Assessments

EPA began performing LBP assessments in 2006 to characterize the extent of deteriorating LBP on properties at the site and to provide information to determine if structures would be eligible for paint stabilization. The data generated during a LBP assessment is used to characterize the potential for deteriorating LBP on structure surfaces to fall to the ground, mix with soil, and result in elevated soil lead concentrations. All LBP assessments performed to date include a quantitative assessment of the extent of deteriorating LBP at each structure. At some properties, deteriorating LBP is observed, but can not be measured quantitatively; the assessment protocol provides for a qualitative assessment to be performed in such cases. To date, EPA has performed quantitative LBP assessments on more than 2,686 properties at the OLS.

The quantitative approach for assessing eligibility for paint stabilization involves measuring the amount of deteriorated LBP on a structure, and calculating the concentration of lead in surrounding soils that would result if all of the identified deteriorated paint were to fall to the ground and uniformly mix with soil under certain assumptions. The quantitative approach involves a two-step process. Initially, a LBP assessment is performed at properties that are eligible for soil remediation. This LBP assessment measures the lead content and estimates the areal extent of the deteriorated paint observed on structure surfaces. All similarly painted surfaces are assessed together, i.e., all siding, all trim, etc., if they are painted alike. The LBP assessment also measures the footprint of each structure on the property.

The second step of the process involves using the data gathered during the LBP assessment to calculate the increase in soil-lead concentration that would result if all of the deteriorating paint identified in the assessment were to fall to the ground and mix with surface soil surrounding the foundation in accordance with certain assumptions. For purposes of this

LBP calculation, the deteriorating LBP on a structure is assumed to fall onto the ground surface within six feet of the foundation and be uniformly mixed with the top one inch of soil. The resulting increase in soil-lead concentration in drip zone soils potentially caused by deteriorating LBP provides a quantitative measure of the severity of LBP deterioration on individual structures. This measure can be used to rank properties based on the potential for recontamination of soil to occur. The soil mixing calculation is described in Appendix A of this work plan.

In some cases, a significant lead-based paint problem may be observed, but not measured, using the quantitative approach. For example, severely deteriorated lead-based paint may be observed, but not tested for lead content, on a component of a structure such as an upper-floor eave or soffit that is inaccessible during the quantitative lead-based paint assessment. Without measuring the lead content of the inaccessible surface, it is not possible to quantitatively assess the potential impact of the observed deteriorating paint on drip zone soil lead concentrations. For this reason, the lead-based paint assessment also includes a qualitative assessment describing any significant deteriorated paint problem that is observed for each structure. If a structure is determined to not be eligible for paint stabilization on the basis of the quantitative approach, but a significant deteriorated paint problem is documented during the lead-paint assessment, then the property may be revisited by an experienced lead hazard control professional to determine if paint stabilization is warranted at that property.

1.4 Lead-Based Paint Stabilization Under Interim Remedy

The EPA and the City of Omaha Lead Hazard Control Program (LHCP) are performing exterior LBP stabilization at properties determined to be eligible on the basis of the quantitative and qualitative assessment performed on each structure using a worst-case first approach. Lead-safe procedures are used to prepare the deteriorated surfaces, followed by priming and painting of all previously painted surfaces on eligible structures. Following stabilization, yard surfaces are vacuumed using high efficiency particulate air (HEPA) fitted equipment to remove visible paint chips. The LBP stabilization program was initiated by the Omaha LHCP in 2007. EPA and LHCP continued the stabilization program through joint efforts in 2008.

2.0 Lead-Based Paint Recontamination Study Approach

The primary objectives of this study are to determine the potential for elevated soil lead levels to develop in the drip zone area of properties due to deteriorating LBP where surface soils have been remediated and to generate data and information that will assist in the development of eligibility criteria for LBP stabilization in the final remedy. The soil samples collected during this study were not collected for comparison to risk-based or health-based soil lead criteria. The data generated during this Recontamination Study are not intended, and should not be interpreted, to characterize exposure areas of the property for risk assessment purposes. Individual soil sample results at a property have been averaged in this report for the purpose of comparison to risk-based screening criteria, but the data is not intended or well suited for this purpose.

EPA recognizes the need to develop final eligibility criteria that will be used to determine which structures are eligible for paint stabilization during the final remedy. The final eligibility criteria will be included in the final ROD. The LBP recontamination study will provide the following information:

- Data to support a determination of whether some degree of recontamination of soils is occurring due to deteriorating LBP falling to the ground at properties where the soil has been previously remediated.
- Data to determine whether other factors such as the degree of LBP deterioration or the length of time that has passed since the soil remediation was performed affect the degree of recontamination that may be occurring.
- Data to support a determination of whether high efficiency particulate air (HEPA) vacuuming at remediated properties affects the degree of recontamination that may remain following LBP stabilization.

In order to collect data to meet objectives of the Recontamination Study, soil sampling was performed at properties where soil remediation had been completed both before and after exterior LBP stabilization had been performed. Sampling of remediated properties prior to paint stabilization characterizes conditions that may develop if no mitigative measures are taken to reduce the impact of deteriorating LBP on remediated soils. Soil sampling performed at remediated properties following exterior LBP stabilization characterizes conditions that result after mitigative measures, i.e., HEPA vacuuming of exposed surface soils to remove visible paint chips, are performed.

Sampling protocols used are consistent with the protocols historically used to collect routine soil samples from residential properties and those used in the December 14, 2005 Drip Zone Width Determination Study. Individual three-aliquot samples were collected along two transects at each property at six-inch intervals starting at the foundation and continuing for a distance of 10 feet away from the foundation wall. A maximum of 21 individual samples could be collected along each ten-foot transect at six-inch intervals. The presence of sidewalks, dense shrubbery, or other interfering factors could prevent the collection of individual soil samples at each of the six-inch intervals along each transect. In these instances where no sample could be collected, the data entry for that particular interval appearing in this report is left blank. The field sampling protocols used for this LBP Recontamination Study are presented in Appendix B. All soil sampling was performed in accordance with the Quality Assurance Project Plan prepared by BVSPC for the OLS (BVSPC, 2007).

2.1 Sampling Properties Prior To Paint Stabilization

A total of 42 homes where soil remediation has been completed, but have not had paint stabilization performed were targeted for drip zone sampling based on the following criteria:

- The drip zones that were sampled were located on properties where EPA had previously remediated the soil. To evaluate if the length of time from the remediation of the property has any effect on whether the property becomes recontaminated, BVSPC attempted to selected a similar number of remediated properties from every year (2000 and 2002-2007) that EPA had remediated properties (EPA did not remediate properties in 2001).
- Only drip zones adjacent to residential yard quadrants that have been remediated were sampled. If possible, homes that had 2 quadrants remediated were selected and the drip zones adjacent to each of the quadrants were sampled.
- Structures included only those with painted sidings. Homes with brick or other permanent or factory finished sidings were not sampled unless the house had trim with deteriorated paint.

As previously discussed, BVSPC has and is continuing to perform LBP assessments on residential structures in the OLS that are eligible for remediation. For a reference point, the LBP assessment calculation sheet estimates the mass of lead in drip zone soils that would equate to a lead concentration of 400 ppm in the drip zone of each structure. The LBP assessment also estimates the total mass of lead that is present in deteriorating paint at each home. The total mass of lead in deteriorated surfaces is then compared to the mass of lead corresponding to a 400 ppm drip zone lead concentration for that particular structure. When

the total mass of lead present in the deteriorating paint is larger than the lead mass that would equate to a soil lead concentration of 400 ppm in the drip zone, the lead concentration in the drip zone could become greater than 400 ppm if all of the deteriorated paint were to fall to the ground and uniformly mix with the soil under the stated assumptions. As the difference in the two numbers becomes larger, the potential for lead recontamination of the drip zone becomes greater. An example LBP assessment calculation sheet is provided in Figure 2-1.

During the LBP Recontamination Study, BVSPC attempted to collect soil samples from the following types of properties:

- Two homes that were remediated in each year (2000 and 2002-2007) at properties with the largest difference between the mass of lead in deteriorated paint and the 400 ppm-equivalent drip zone lead mass. These properties would potentially have the greatest potential for recontamination of the drip zone.
- Two homes from each year (2000 and 2002-2007) where the mass of lead in deteriorated paint is only slightly greater than the 400 ppm-equivalent drip zone lead mass. These homes would potentially provide information on drip zone recontamination when smaller amounts of deteriorating lead based paint were present on the home.
- Two homes from each year (2000 and 2002-2007) where the mass of lead in deteriorated paint is 6 to 8 times greater than the 400 ppm-equivalent drip zone lead mass. These properties would potentially provide information on potential drip zone recontamination of properties that were between the other two groups.

One soil sample was collected from the outside corner of each remediated quadrant (away from any structure, including neighboring buildings) where the drip zone was sampled to verify the soil that was imported and used as new cover was not contaminated.

2.2 Sampling Properties Following Paint Stabilization

As previously discussed, the EPA and the City of Omaha LHCP are performing LBP paint stabilization at homes where the remediated soils could become recontaminated by paint particles mixing with the soil. The LBP stabilization program was initiated by the Omaha LHCP in 2007. EPA and LHCP have continued to perform paint stabilization at OLS properties in 2008 using a worst-case-first approach.

The purpose of sampling homes that have had paint stabilization completed is to assess the soil in the drip zone following the paint stabilization process. HEPA vacuuming of exposed surface soil is performed following LBP stabilization in an attempt to remove paint chips that could contribute to soil recontamination.

Figure 2-1
Example Lead-Based Paint Calculation Sheet

Omaha Lead Site <ID> - House

Estimate of Potential Contamination due to Deteriorating Lead Paint, based on LBP Assessment Data

Sample Area ID (BVID): **NNNNN** Date: 01/12/07
Property Address: **123 Example St** Verified by:

1. Building Perimeter

Building Perimeter:	162	ft

2. Calculation of impacted soil area - 6-foot wide strip around structure:

Impacted Soil Area:	972	ft²	Assume a 6 foot wide area x house perimeter
Impacted Soil Corner Area:	144	ft²	4 corners of home at 6-foot by 6-foot
Total Impacted Soil Area:	1116	ft²	perimeter + corner area

3. Calculation of impacted soil mass - assumes lead paint mixed into the top 1" (0.0833 ft):

Total Impacted Soil Volume:	93.00	ft³	area x .0833 ft
Unit conversion factor:	28,316.8	cm³/ft³	
Impacted Soil Volume:	2,633,467	cm³	volume x conversion factor
Assumed soil density:	1.6	g/cm³	
Mass of impacted soil:	4,213,547	g	volume x density
Mass of impacted soil:	4,214	kg	1,000 g = 1.0 kg

4. Calculation of lead mass in impacted soil that will result in soil lead concentration of 400 ppm:

Interim ROD Cleanup level:	400	mg/kg

Lead mass in impacted soil that will result in soil lead concentration of 400 ppm = 1.69 kg mass of impacted soil x 400 mg/kg, divided by 1,000,000

5. Tabulation of potential lead contamination:

Sample #	Structure - Feature	Lead Loading [mg/cm²]	Deteriorated Area [ft²]	Deteriorated Area [cm²]	Lead [mg]	Lead [kg]
H-E-P-01	Porch - Column	16.44	2	1,858	30,547	0.031
H-E-P-02	Porch - Ledge	28.19	3	2,787	78,568	0.079
H-E-P-03	Door - Trim	23.07	5	4,645	107,164	0.107
H-E-P-04	Porch - Floor	3.71	50	46,452	172,335	0.172
H-E-P-05	Porch - Ceiling	27.42	2	1,858	50,948	0.051
H-E-P-06	Soffit	29.85	265	246,193	7,348,863	7.349
H-E-P-07	Siding - Trim	16.64	2	1,858	30,918	0.031
H-E-P-08	Foundation - Lattice	ND*	10	9,290	0	0.000
H-S-P-09	Foundation	ND*	17	15,794	0	0.000
H-S-P-10	Window - Trim	18.51	40	37,161	687,854	0.688
H-N-P-11	Foundation - Lattice	13.77	5	4,645	63,964	0.064
				Total amount of potential lead		**8.571 kg**

6. **Does the deteriorating LBP result in a lead concentration in impacted soil greater than 400 ppm using the stated mixing assumptions?** **YES**

7. Contamination Potential, Highest to Lowest

Sample #	Structure - Feature	Lead Loading [mg/cm²]	Deteriorated Area [ft²]	Deteriorated Area [cm²]	Lead [mg]	Lead [kg]	Sum of Lead
H-E-P-06	Soffit	29.85	265	246193	7348863	7.349	7.349
H-S-P-10	Window - Trim	18.51	40	37161	687854	0.688	8.037
H-E-P-04	Porch - Floor	3.71	50	46452	172335	0.172	8.209
H-E-P-03	Door - Trim	23.07	5	4645	107164	0.107	8.316
H-E-P-02	Porch - Ledge	28.19	3	2787	78568	0.079	8.395
H-N-P-11	Foundation - Lattice	13.77	5	4645	63964	0.064	8.459
H-E-P-05	Porch - Ceiling	27.42	2	1858	50948	0.051	8.510
H-E-P-07	Siding - Trim	16.64	2	1858	30918	0.031	8.541
H-E-P-01	Porch - Column	16.44	2	1858	30547	0.031	8.571
				Total amount of potential lead		**8.571 kg**	

* ND = Non-Detect

A total of 21 homes that had paint stabilization performed were targeted for drip zone sampling based on the following criteria:

- The drip zones sampled were located on properties where EPA had previously remediated the soil and performed LBP stabilization.
- If possible, homes that had 2 quadrants remediated were selected and the drip zones adjacent to each of the quadrants were sampled.
- The house must have painted sidings or trim with deteriorated paint.

BVSPC attempted to collect soil samples from the following types of properties:

- Seven homes that had paint stabilization performed and had the largest difference between the mass of lead in deteriorated paint and the 400 ppm- equivalent drip zone lead mass, based upon the results on the Lead Based Paint Calculation Sheet, were selected for drip zone sampling.
- Seven homes that had paint stabilization performed where the mass of lead in deteriorated paint is only slightly greater than the 400 ppm-equivalent drip zone lead mass, based upon the results on the Lead Based Paint Calculation Sheet, were selected for drip zone sampling.
- Seven homes that had paint stabilization performed where the mass of lead in deteriorated paint was 6 to 8 times greater than the 400 ppm-equivalent drip zone lead mass were selected for drip zone sampling.

One soil sample was collected from the outside corner of each remediated quadrant (away from any structures) where the drip zone is sampled to verify the soil that was imported and used as new cover was not contaminated.

3.0 Lead-Based Paint Recontamination Study Protocols

The LBP recontamination study was conducted at previously remediated properties where a LBP assessment had been performed. Exposed surface soil within ten feet of the foundation of the selected properties was sampled using the methods for residential soil sampling presented in Appendix B.

3.1 Access Agreement Signature

The field teams obtained the property owner's consent (a signed access agreement) to conduct the soil sampling for the LBP recontamination study. Participation in the LBP recontamination study was completely at the discretion of the property owner.

3.2 Lead-Based Paint Recontamination Study Field Sheet

The field team documented the sampling locations on the LBP recontamination study field sheet. The field team also prepared a sketch of the house that presented 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 condition and XRF results.
- Drip zone features such as presence of vegetation, mulch, bare ground, visible paint chips, etc.
- Drip zone sample locations and wall orientation (N, S, E, W).
- Digital photos were taken at each sampling location.

The completed field sheets are presented in Appendix C.

4.0 Sample Identification

Sample numbers were assigned as described in a previous study, the Drip Zone Width Determination Study Field Sampling Protocol (BVSPC, 2005), with the following exception. The prefix R was added to the beginning of the sample number to designate that the sample was collected as part of the LBP recontamination study. The sample identification numbers were assigned as follows:

RDZ-##-N(S, E, or W)-BVID#, where N, S, E, or W refers to the exterior wall orientation.

Quality Control (QC) confirmation samples were collected at the rate of 1 in 20 samples. These samples were submitted to the EPA Region 7 laboratory for metals analysis. The confirmation samples were identified by placing an "L" after the directional qualifier. For example, a confirmation sample was identified as follows:

RDZ-##-N(S, E, or W)L-BVID#

5.0 Field Investigation Results

Twenty-five properties were sampled where soil remediation had been completed but paint stabilization had not yet been performed. A total of 945 individual soil samples were collected during this Recontamination Study at these 25 pre-stabilization properties. In addition, 21 properties were sampled where both soil remediation and paint stabilization had been performed. A total of 810 individual soil samples were collected at these twenty-one post-stabilization properties.

This Recontamination Study characterizes soil lead concentrations at a total of 46 properties of the more than 45,000 properties within the final focus area of the OLS. Due to the relatively small sample size, the conditions found at the properties during this study, either individually or collectively, can not necessarily be considered representative of conditions at all properties across the site. The general observations about the data that are presented in this report should be considered with an awareness of the limitation of this data to represent overall conditions at the site due to the relatively small sample size.

Sampling was performed at fewer properties during the Recontamination Study than the number of properties originally targeted for sampling in the work plan because properties with the selected criteria were either not available or because the property owners were not willing or interested in participating in the study. Table 5-1 presents the properties sampled in each category during the LBP Recontamination Study.

5.1 Properties Sampled Prior to Paint Stabilization

The individual soil lead concentrations measured in the samples collected from the 25 properties prior to paint stabilization are presented in Table 5-2. The table presents the lead concentrations measured at 6-inch intervals from the foundation. The table also presents the average lead concentrations within 6 feet of the foundation (considered the drip zone width at the OLS) and the average soil lead concentration at a distance of 6 feet to 10 feet from the foundation. The completed field sheets for these properties are presented in Appendix C.1.

As discussed in Section 2, the soil samples collected during this study were not collected for the purpose of determining if risk-based soil lead levels are exceeded. The data is not intended, nor should it be interpreted, to characterize exposure concentrations at each property for risk assessment purposes. The 400 ppm lead screening level for soil at residential properties is typically based on an average concentration in mid-yard areas where exposure to soil is expected to occur. Lead concentrations detected in drip zones are not considered as relevant as mid-yard concentrations for determining the health risks from contact with lead-contaminated soils.

Table 5-1
Properties Sampled for LBP Recontamination Study
Omaha Lead Site
Omaha, Nebraska

Paint Stabilization Not Performed on Home			
	Potential for Recontamination of Soil		
Year	Low	Medium	High
2000	0	0	0
2002	3099, 3112	2227	0
2003	25287	2322, 23648	25002, 30260
2004	23160, 28165	23412	22355, 23680
2005	27559, 37777	0	0
2006	51575	23974	200, 22219
2007	27081, 48713	18403, 26945	1041, 1587
Paint Stabilization Performed on Home			
	Potential for Recontamination of Soil		
	Low	Medium	High
	10271, 16811, 28447, 29876, 30049, 33688, 33941, 34823	24467, 27348, 31060, 29669, 30055, 33212, 40663	25210, 27332, 30170, 30178, 30327, 33775

Table 5-2
Lead Concentrations in Soil Samples Collected from Properties Prior to Paint Stabilization
Omaha Lead Site
Omaha, Nebraska

SAMPLE_AREA_ID	REMEDIATION DATE	RATIO	DIRECTION	PAINT CHIPS DETECTED IN DRIP ZONE	0 ft.	0.5 ft.	1.0 ft.	1.5 ft.	2.0 ft.	2.5 ft.	3.0 ft.	3.5 ft.	4.0 ft.	4.5 ft.	5.0 ft.	5.5 ft.	6.0 ft.	6.5 ft.	7.0 ft.	7.5 ft.	8.0 ft.	8.5 ft.	9.0 ft.	9.5 ft.	10.0 ft.	Avg Concentration w/in 6 ft. of Foundation	Avg Concentration 6 ft to 10 ft from Foundation
200	2006	High	E	YES	2898	613	556	165	37	40	33	31	33	20	28	26	33	30								347	30
200	2006	High	S	YES	4503	172					1032	975	166	34	19	23	25	29	24	28	22	21	23	23	24	772	24
1041	2007	High	N	YES	66	34	29	30	26	23	23	25	27	20	22	26	25	25	27	30	23	32	26	26	25	29	27
1041	2007	High	S	YES	31	24	20	35	22	23	35	24	26	20	24	28	24	24	26	24	20	20	24	25	21	26	23
1587	2007	High	N	YES	29	41	32	26	20	23	24	27	22	36	22	29	19	21	24	24	26	20	25	18		27	23
1587	2007	High	S	YES	30	21	22	22	20	26	27	23	26	22	17	25	28	22	23	20	21	27				24	23
2227	2002	Medium	E	YES	610	114	104	156						347	57	68	37	43	44	88	50	42	59	124	454	187	113
2227	2002	Medium	N	YES	390	204	148	237	101	107	110	80	80	92	86	77	72	107	50	40	34	33	27	30	30	137	44
2322	2003	Medium	E	YES	24	23	30	64	18	17	21	18	28	20	14	17	20	26	24	21	21	24	16	19		24	22
2322	2003	Medium	S	YES	321	82	103	126	78	62	57	47	43	42	30	32	33	25	26	34	38	48	40	41		81	36
3099	2002	Low	E		178	130	99	94	76	83	43	67	47	57	46	32	53	47	51	60	72	48	58	48	54	77	55
3099	2002	Low	S		50	41	127	23	29	26	24	83	217	70	308	346	257	204	135	139	90	81	98	100	89	123	117
3112	2002	Low	S		727	373	166	135	84	97	76	81	113	122	102	162	126	146	93	77	58	46	47	51		182	74
3112	2002	Low	W		237	502	349	167	162	148	104	207	67	48	89	48	39	38	26	34	20	26	22	26		167	27
18403	2007	Medium	E	YES	40	23	35	28	54	29	31	47	27	32	21	19	27	27	29	25	31	30	16	27	29	32	27
18403	2007	Medium	S	YES	35	31	25	37	23	26	36	47	35	24	34	32	36	48	66	76	205	261	146	203	84	32	136
22219	2006	High	S	YES	123	60	99	203	417					197	65	38	48	40	44	48	67	55	56	77		139	55
22219	2006	High	W	YES	361	109	100	89					155	91	46	42	47	41	30	26	26	36	38	40		116	34
22355	2004	High	N	YES								916	227	186	142	49	53	62	43	122	63	43	40	68		262	63
22355	2004	High	W	YES	788	240	293	2401	1809	764	471	415	196						155	112	77	41	30	35		820	75
23160	2004	Low	E	YES	35	27	31	27	74	67	42	27	24	32	20	20	23	22	24	20	19	22	25	18		35	21
23160	2004	Low	S	YES	46	42	121	41	50	66	66	30	30	31	21	24	19	19	29	25	23	21	29	16		45	23
23412	2004	Medium	E	YES	33	182	147	169	73	31	51	159	57	30	52	36	138	40	52	34	31	23	33	29		89	35
23412	2004	Medium	N	YES	26	34	36	24	29	34	28	26	23	20	42	26	30	32	29	34	25	38	19	17		29	28
23648	2003	Medium	E		58	32	20	21	21	20	27	30	29	32	28	23	21	26	32	34	26	34	28	28		28	30
23648	2003	Medium	N		79	28	27	23	35	31	21	21	23	22	61	15	16	20	22	23	25	19	22	25		31	22
23680	2004	High	E		38	33	101	40	30	25	26	62	27	27	25	66	22	24	25	26	13	24	22	23		40	22
23680	2004	High	S		33	708	295	199	34	23	28	87	188	41	41	35	86	29	34	30	33	34	56	28		138	35
23974	2006	Medium	S	YES	775	45	35	41	46	45	38	72	62	70	46	49	47	60	79	67	98	77	88	72	33	105	72
23974	2006	Medium	W	YES	256	131	89	125	154	84	46	51	88							163	62	34	41	36	44	114	63
25002	2003	High	E	YES	95	47	66	74	57	330	418	812	433	588	297	114	343	104	381	434	169	32	54	47	57	283	160
25002	2003	High	W	YES	791	886	446	308	166	100	244	81	64	72	63	37	29	42	46	71	52	63	30	34	24	253	45
25287	2003	Low	E	YES	1653	110	89	132	231	420	339	250	125	103	60	57	53	58	67	84	81	38	40	24		279	56
25287	2003	Low	S	YES	1302	945	677	630	572	356	429	381	385	307	183	133	118	81	75	90	60	60	53	75		494	71
26945	2007	Medium	E	YES	52	21	20	22	19	17	16	19	16	19	20	20	18	20	17	23	19	19	20	14	20	21	19
26945	2007	Medium	S	YES	912	897	1467	859	934	899							17	21	15	20	26	22	23	17	17	855	20
27081	2007	Low	E	YES	367	284	236	237	199	193	33	31	36	42	31	30	29	28	43	31	28	22	23	20	22	134	27
27081	2007	Low	N	YES	346	366	287	325	390	110	119	137	108	144	156	92	93	86	83	79	80	40	37	37	25	206	58
27559	2005	Low	N	YES							25	46	29	26	29	35	39	39	41	52	56	47	37	57	119	33	56
27559	2005	Low	S	YES	154	35	27	24	31	20	29	34	26	24	28	16	28	32	30	28	16	20	27	19	19	37	24
28165	2004	Low	N	YES	1576	79	34	25	91	72	43	46	38	37	30	16	29	28	19	20	30	28	24	22	26	163	25
28165	2004	Low	W	YES	635	115	39	49	40	48	48	110	702	1024	592	879	714									384	
30260	2003	High	N	YES	61	33	39	104	88	69	131	112	43	89	98	58	33	47	51	88	54	53	116	141		74	79
30260	2003	High	W	YES	140	202	52	210	106	40	158	89	81	71	50	33	28	68	30	60	28	30	29	36		97	40
37777	2005	Low	E	YES	114	62	55	284					39	26	27	19	23	20	18	19	31	22	29	25	22	72	23
37777	2005	Low	N	YES	60	37	48	32	51	72	42					56	27	25	20	19	20	25	22	25	20	47	22
48713	2007	Low	N	YES					286	46	35	22	20	27	21	25	23	27	25	26	38	19	25	23		56	26
48713	2007	Low	W	YES							270	27	26	26	28	26	23	20	20	31	26	34	23	27	24	61	26
51575	2006	Low	E	YES	24	19	49	104	32	1744	132	459	467	178	308	97	147	97	196	64	56	157	105	87	367	289	141
51575	2006	Low	N	YES	46	48	57	35	37	47	55	93	65	59	45	43	34	53	83	63	46	166	114	107	77	51	89

Distances are measured from foundation of home

All lead concentrations are in mg/kg

The individual soil sample results from each property transect sampled during this study have been averaged from 0-6 feet from the foundation to better approximate drip zone conditions on one side of the structure, and averaged from 6-10 feet to better approximate conditions that exist toward mid-yard areas. These averages are presented for discussion purposes, but both the individual and averaged data are not intended or well suited for assessing risks associated with exposure to these soils. Individual sample concentrations and average concentrations are compared to the 400 ppm lead screening level in this report for a point of reference, but this comparison is not intended as a measure of risk associated with exposure to soil lead levels in drip zone or mid-yard areas at individual properties.

Table 5-2 presents the lead concentrations measured in each of the 945 soil samples collected at the 25 pre-stabilization properties in this study. Table 5-3 presents the average lead concentrations and the total number of soil samples collected, the average lead concentrations and the number of soil samples collected within 6 feet of the foundation, and the average lead concentrations and the number of soil samples collected from 6 to 10 feet from the foundation of the home.

The average lead concentration for all samples collected from the 25 pre-stabilization properties was 113 ppm. The average lead concentration for the 588 samples collected from these properties within 6 feet of the foundation was 148 ppm. The average lead concentration in the 357 samples collected at distances greater than 6 feet from the foundation wall at these properties was 51 ppm.

Of the 945 soil samples collected from pre-stabilization properties, 51 samples (5.4%) had concentrations exceeding 400 ppm. Forty-nine of the 51 individual soil samples that exceeded 400 ppm were collected within 6 feet of the foundation. Within 6 feet of foundations, individual lead concentrations exceeded 400 ppm at the pre-stabilization properties in 49 of 588 individual soil samples collected (8.3%), and exceeded 400 ppm in 2 of 357 soil samples collected (0.8%) from 6 to 10 feet from foundation walls.

Individual soil samples exceeding 400 ppm were collected at 11 of the 25 pre-stabilization properties sampled. Fourteen of the 25 pre-stabilization properties had no samples exceeding 400 ppm. Of the 11 pre-stabilization properties with individual samples exceeding 400 ppm, either one or two soil samples were above 400 ppm from BVIDs 2227, 3112, 23680, and 23974. Three or more soil samples exceeding 400 ppm were collected from the other 7 pre-stabilization properties with individual soil sampling results exceeding 400 ppm. The highest lead concentration detected in this group of 945 samples was 4,503 ppm and 11 samples contained lead concentrations greater than 1,000 ppm.

The average lead concentration within 6 feet of the foundation exceeded 400 ppm in 4 of the 50 transects in this group of properties. These 4 transects were located at 4 separate properties.

Table 5-3
Average Lead Concentrations in Soil Samples Collected
from Properties Prior to Paint Stabilization

	All Samples		All Samples W/in 6 ft of Foundation		All Samples > 6 ft from Foundation	
	Average	# of Samples	Average	# of Samples	Average	# of Samples
All Samples	113	945	148	588	51	357
High LBP Deterioration	139	293	192	185	49	108
Medium LBP Deterioration	79	271	98	167	48	104
Low LBP Deterioration	116	381	156	236	51	145

All lead concentrations are in mg/kg.

In each case where the average of the individual soil samples exceeded 400 ppm along a 0-6 foot transect, the average concentration along the second transect from the same property was less than 400 ppm. Since both transects represent only a portion of the same drip zone of the property, neither can be interpreted to reflect the actual average drip zone concentration. In soil samples collected from 6-10 feet from the foundation, the average lead concentrations were less than 400 ppm along both transects at all of the pre-stabilization properties.

A correlation was observed between the degree of LBP deterioration identified in the LBP assessments and soil lead levels found at pre-stabilization properties. As shown on Table 5-3, at pre-stabilization properties with the highest degree of LBP deterioration, the average soil lead concentration within 6 feet of the foundation was 192 ppm. The average soil lead concentrations within 6 feet of the foundation with a low or medium degree of LBP deterioration were 156 ppm and 98 ppm, respectively.

Pre-stabilization properties with a high degree of LBP deterioration also exhibited higher maximum concentrations relative to properties with a low or medium degree of LBP deterioration. The lead level in soil samples exceeding 400 ppm at properties with a high degree of LBP deterioration averaged 1,076 ppm. The lead level in soil samples exceeding 400 ppm collected at properties with a medium degree of LBP deterioration averaged 867 ppm. The lead level in soil samples exceeding 400 ppm collected from properties with a low degree of LBP deterioration averaged 854 ppm. In addition, the four individual samples with the highest lead concentrations were collected from pre-stabilization properties with a high degree of LBP deterioration.

The trend of higher soil lead concentrations found at properties with the highest degree of LBP deterioration was not observed in samples collected 6 to 10 feet from the foundation. For samples collected 6-10 feet from the foundation at pre-stabilization properties, those from properties with a high degree of LBP deterioration averaged 49 ppm, and samples collected from properties with a low or medium degree of LBP deterioration averaged 51 ppm and 48 ppm, respectively.

The presence of paint chips was not a reliable indicator of elevated soil-lead concentrations. Paint chips were generally observed in the drip zone at properties where elevated lead concentrations were detected in individual samples and at all of the properties where the average lead concentration in the soil exceeded 400 ppm. However, there were also paint chips observed in the drip zones at several properties that did not have elevated lead concentrations in individual sample results. In addition, there were no paint chips observed at two properties that contained elevated lead concentrations in individual sample results.

Site drainage or the presence or absence of gutters on the structure did not appear to be a factor as to whether there were elevated soil lead concentrations detected.

5.2 Properties Sampled Following Paint Stabilization

Presented in Table 5-4 are the individual soil lead concentrations measured in the samples collected from the 21 properties following completion of paint stabilization and HEPA vacuuming of exposed soil surfaces. The table presents the lead concentrations measured at 6-inch intervals from the foundation. The table also presents the averaged lead concentrations within 6 feet of the foundation (considered the drip zone width at the OLS) and the averaged lead concentrations from 6-10 feet from the foundation. The completed field sheets for these properties are presented in Appendix C.2

A total of 810 individual soil samples were collected at the 21 post-stabilization properties in this study. Table 5-5 presents the average lead concentrations and the total number of soil samples collected, the average lead concentrations and the number of soil samples collected within 6 feet of the foundation, and the average lead concentrations and the number of soil samples collected from 6 to 10 feet from the foundation of the home.

As shown in Table 5-5, the average lead concentration for all samples collected from the 21 post-stabilization properties was 73 ppm, which is significantly lower than the average concentration of 113 ppm for all samples collected from pre-stabilization properties. The average lead concentration for the 483 samples collected within 6 feet of the foundation from the post-stabilization properties was 95 ppm, compared to 148 ppm for this same set of samples collected at pre-stabilization properties. The average lead concentration in the 327 samples collected 6-10 feet from the foundation wall at the post-stabilization properties was 41 ppm, compared to 51 ppm in samples collected from pre-stabilization properties.

Of the 810 soil samples collected from post-stabilization properties, 21 samples (2.6%) had concentrations exceeding 400 ppm. The 21 soil samples that exceeded 400 ppm were all collected within 6 feet of the foundation. Soil lead concentrations in all samples collected from 6-10 feet of the foundation were less than 400 ppm. Overall, 21 of 810 individual samples (2.6%) collected at post-stabilization properties exceeded 400 ppm. Lead concentrations exceeded 400 ppm in 21 of 483 individual samples (4.3 percent) collected within 6 feet of foundations at the post-stabilization properties, and lead concentrations exceeding 400 ppm were not found in any of the soil samples collected from 6-10 feet from foundation walls.

Individual soil samples exceeding 400 ppm were collected at 10 of the 21 post-stabilization properties sampled. No post-stabilization property had more than 4 individual samples exceeding 400 ppm, and four properties had only a single sample exceeding 400 ppm. The highest lead concentration detected in this group of samples was 2,032 ppm and 5 samples contained lead concentrations greater than 1,000 ppm.

The average lead concentrations were less than 400 ppm along all transects collected from post-stabilization properties, both in the 0-6 foot and 6-10 foot intervals.

Table 5-4
Lead Concentrations in Soil Samples Collected from Properties Following Paint Stabililzation
Omaha Lead Site
Omaha, Nebraska

SAMPLE_AREA_ID	REMEDIATION DATE	RATIO	DIRECTION	PAINT CHIPS DETECTED IN DRIP ZONE	0 ft.	0.5 ft.	1.0 ft.	1.5 ft.	2.0 ft.	2.5 ft.	3.0 ft.	3.5 ft.	4.0 ft.	4.5 ft.	5.0 ft.	5.5 ft.	6.0 ft.	6.5 ft.	7.0 ft.	7.5 ft.	8.0 ft.	8.5 ft.	9.0 ft.	9.5 ft.	10.0 ft.	Avg Concentration w/in 6 ft. of Foundation	Avg Concentration 6 ft to 10 ft from Foundation
10271	2005	Low	N								34	32	28	29	28	21	23	21	21	26	19	27	24	28	28	28	24
10271	2005	Low	S		32	76	26	29	21	27	42	39	165					50	145	24	27	24	20	21	25	51	42
16811	2006	Low	E									45	41	29	29	25	28	90	32	28	28	30	28	25	22	33	35
16811	2006	Low	W						180	65	57	67	60	121	53	94	49	43	101	136	54	27	54	30	61	83	63
24467	2004	Medium	E	YES	50	28	26	39	25	26	24	19	22	23	21	36	35	22	21	16	27	24	25	22	19	29	22
24467	2004	Medium	N	YES	113	79	55	39	54	34	41	30	34	23	18	26	28	29	22	28	47	20	29	17	23	44	27
25210	2005	High	E	YES	73	59	53	109	73	70	50	35	41	47	99	54	147	67	89	147	299	174	111	65	53	70	126
25210	2005	High	N	YES	73	73	67	45	50	64	69	176	603	863	170	114	95	87	60	37	53	54	66	92	85	189	67
27332	2005	High	E	YES	1094	562	549	157	123	52	59	33	23	17	19	21	15	14	22	12	29	21	18	13	24	210	19
27332	2005	High	W	YES			175	157	48	53	32	35	23	26	21	22	23	21	23	17	16	21	17	22	20	56	20
27348	2006	Medium	E	YES	39	31	27	23	34	159	102	69	142	152	264	130	126	129	68	87	46	64	56	55	52	100	70
27348	2006	Medium	W	YES	87	19	25	26	19	23	28	185	524	763	689	245	407	60	55	32	22	28	32	31	29	234	36
28447	2005	Low	N	YES	22	24	28	27	41	44	34	25	26	36	32	40	33	33	19	18	30	26	21	19	28	32	24
28447	2005	Low	S	YES	22	43	48	54	54	72	71	104						336	78	47	46	29	51	29	25	59	80
29669	2005	Medium	E	YES	50	45	69	151	22	29	22	30	33	23	30	26	38	25	52	18	26	28	38	31	28	44	31
29669	2005	Medium	S	YES	103	56	77	45	47	252				67	30	19	19	25	30	24	26	128	184	120	101	72	80
29876	2004	Low	E	YES	2032	76	34	28	42	50	47	303				56	30	23	33	23	25	21	16	22	25	270	24
29876	2004	Low	N	YES	298	114	100	36	38	26	42	727	36	25	26	24	25	26	21	29	14	18	18	20	27	117	22
30049	2005	Low	E	YES	71	56	117	58	147	101	82	104	47	33	51	38	33	36	32	33	37	22	34	34	55	72	35
30049	2005	Low	S	YES	860	176	76	92	39	25	29	43	33	23	26	42	23	29	24	26	35	27	26	24	21	114	27
30055	2006	Medium	N		80	65	61	29	35	30	29	31	33	28	29	32	26	24	22	23	38	29	29	22	23	39	26
30055	2006	Medium	W		43	55	40	25	26	26	38	38	37	26	35	34	24	49	179	267						34	165
30170	2005	High	E	YES	99	93	60	44	90	39	39	44	26	26	28	39	67	26	25	26	22	25	20	25	20	53	24
30170	2005	High	N	YES	354	27	32	47	37	46	34	32	26	43	29	31	25	30	24	33	23	29	25	24	26	59	27
30178	2005	High	E	YES	48	36	28	46	96	55	35	47	23	24	40	20	24	27	20	25	25	24	58	21	28	40	29
30178	2005	High	S	YES							130	73	44	25	38	31	30	31	33	30	33	19	37	18	21	53	28
30327	2004	High	N	YES	155	39	38	63	36	52	35	23	22	18	27	30	21	23	25	31	19	17	22	20	19	43	22
30327	2004	High	W	YES	219	83	23	68	31	67	45	48	16	40	18	26	28	26	30	23	30	23	21	30	38	55	28
31060	2004	Medium	E	YES									1445	386	46	46	38	35	28	30	37	32	24	25	25	392	30
31060	2004	Medium	S	YES	195	78	59	74	41	38	54	36	35	35	31	37	34	33	39	40	29	24	35	27	22	57	31
33212	2005	Medium	E	YES	307	78	81	142	96	214	148	51	97	118	96	81	163	59	268	49	51	123	100	151	78	129	110
33212	2005	Medium	S	YES	259	131	161	95	113	477	329	62	80	44	35	33	39	48	45	48	38					143	45
33688	2005	Low	E	YES	900	118	16	22	470	487	397	786					216	63	38	35	27	34	36	30	32	379	37
33688	2005	Low	N	YES	40	25	31	113	81	69	61	35	26	29	25	22	18	25	31	27	25	24	20	19	22	44	24
33775	2005	High	E		640	127	123	135	215	231							272	54	49	36	44	41	33	23	29	249	39
33775	2005	High	W		32	31	30	36	29	41	33	41	24	51	23	27	24	22	22	21	28	125	27	23	23	32	36
33941	2005	Low	E		73	26	25	19	21	18	23	15	31	29	22	27	25	21	20	22	21	18	20	20	27	27	21
33941	2005	Low	W		113	32	30	30	37	27	23	22	34	26	32	28	35	19	28	18	23	24	25	19	16	36	22
34823	2006	Low	S	YES	285	48	34	33	33	54	28	22	28	27	25	25	26	24	27	15	19	22	20	21	23	51	21
34823	2006	Low	W	YES	95	111	181	71	83	92	46	43	53	29	29	40	23	28	30	20	27	27	29	23	23	69	26
40663	2005	Medium	E	YES	119	1057	1810	332	17	24	29	50	221	179	130	73	52	188	205	155	189	166	84	31	23	315	130
40663	2005	Medium	S	YES						26	20	17	45	15	19	20	18	19	19	20	28	21	22	27	18	23	22

Distances are measured from foundation of home

All lead concentrations are in mg/kg

Table 5-5
Average Lead Concentrations in Soil Samples Collected
from Properties After Paint Stabilization

	All Samples		All Samples W/in 6 ft of Foundation		All Samples > 6 ft from Foundation	
	Average	# of Samples	Average	# of Samples	Average	# of Samples
All Samples	73	810	95	483	41	327
High LBP Deterioration	68	238	88	142	39	96
Medium LBP Deterioration	88	269	109	166	54	103
Low LBP Deterioration	65	303	89	175	33	128

LBP concentrations are in mg/kg.

Soil lead concentrations at post-stabilization properties are of interest for comparison to pre-stabilization soil lead concentrations. This comparison provides an indication of the affect of HEPA vacuuming of exposed soil surfaces on soil lead concentrations following LBP stabilization. Because HEPA vacuuming is performed to reduce soil lead concentrations that may exist prior to LBP stabilization, any correlation between post-stabilization soil lead concentrations and associated factors such as the severity of LBP deterioration is likely reduced or altered. Soil lead concentrations at post-stabilization properties have been evaluated against these potential factors, but their impact on soil lead concentrations following HEPA vacuuming is expected to be substantially diminished.

Following LBP stabilization and HEPA vacuuming of exposed surface soils, correlation was not apparent between soil lead levels and the degree of LBP deterioration measured prior to stabilization. Individual soil samples exceeding 400 ppm were collected from the three groups of post-remediation properties that had a high, medium, and low degree of LBP deterioration. Individual soil lead concentrations above 400 ppm were detected at three properties with a high degree of LBP deterioration, 4 properties with a medium degree of LBP deterioration, and 3 properties with a low degree of LBP deterioration. The highest soil lead concentration of 2,032 ppm was detected at a property with a low degree of LBP deterioration.

As shown on Table 5-5, overall average soil lead concentrations at post-stabilization properties with a high, medium and low degree of LBP deterioration were 68 ppm, 88 ppm, and 65 ppm, respectively. Within 0-6 feet of the foundation, soil lead levels averaged 88, 109, and 89 ppm at properties with a high, medium, and low degree of LBP deterioration, respectively. At distances from 6-10 feet of the foundation, soil lead levels averaged 39, 54, and 33 ppm at properties with a high, medium, and low degree of LBP deterioration, respectively.

Paint chips were observed in the drip zone at properties where elevated lead concentrations were detected. However, there were also paint chips observed in the drip zones at several properties that did not have elevated soil lead concentrations. In addition, there were no paint chips observed at one property where an elevated soil lead concentration was identified. The presence of paint chips did not appear to be a reliable indicator of elevated soil lead levels.

Site drainage or the presence or absence of gutters on the home also did not appear to correlate with elevated soil lead concentrations in the drip zone at post-stabilization properties.

6.0 Summary and Conclusions

An objective of the LBP Recontamination Study was to determine the potential for deteriorating LBP to elevate soil lead concentrations in the drip zone areas of homes where surface soils were previously remediated. The study concludes that elevated soil lead concentrations were detected in a number of individual soil samples collected near foundations of structures with varying degrees of deteriorating exterior LBP, indicating the potential for deteriorating LBP to fall to the ground and increase soil lead levels at previously remediated properties.

Although the soil samples collected during this study were not collected for the purpose of characterizing risk levels, comparison to a 400 ppm soil screening level is presented to provide a point of reference for elevated lead levels in residential soils. Individual or average soil lead levels exceeding 400 ppm in this study do not suggest that a certain level of risk may exist, or that response action is warranted. Rather, this level is used as a benchmark of whether an elevation in soil lead concentrations is occurring following soil remediation. An elevation in soil lead levels following soil remediation due to the presence of deteriorating LBP is an indication that additional measures such as exterior LBP stabilization may be warranted to protect the continued effectiveness of the soil remedy.

Soil lead levels were measured at one group of 25 properties prior to LBP stabilization and another group of 21 properties following completion of LBP stabilization. HEPA vacuuming of exposed surface soils is conducted during the LBP stabilization process to remove visible paint chips from exposed surface soils.

The overall average concentration of all samples collected at pre-stabilization properties was 113 ppm, compared to an overall average concentration of all post-stabilization samples of 73 ppm. All pre-stabilization drip zone samples averaged 148 ppm, compared to a post-stabilization drip zone sample average of 95 ppm. Samples collected from 6-10 feet from the foundation averaged 51 ppm at pre-stabilization properties and 41 ppm at post-stabilization properties.

Soil samples collected within 6 feet of the foundation at pre-stabilization properties exceeded 400 ppm at 11 of 25 properties in 49 of 588 (8.3%) individual soil samples. Soil samples collected at a distance of 6-10 feet from the foundation at pre-stabilization properties exceeded 400 ppm at two properties in 2 of 357 (0.6%) individual soil samples. Following LBP stabilization and HEPA vacuuming of exposed surface soils, the incidence and magnitude of elevated soil lead levels was greatly reduced. Soil samples collected within 6 feet of the foundation at post-stabilization properties exceeded 400 ppm at 10 of 21 properties in 21 of 483 (4.3%) individual soil samples. Following LBP stabilization none of the 327 samples collected from 6-10 feet from the foundation exceeded 400 ppm.

Average soil lead concentrations along transects generally remained below 400 ppm, except in four instances at pre-stabilization properties when a single transect average exceeded 400 ppm. In each case, the average soil lead concentration along the accompanying transect at the same property remained less than 400 ppm. The average soil lead concentration within 6 feet of the foundation at all post-stabilization properties was less than 400 ppm. Average soil lead levels at distances from 6-10 feet of the foundation was less than 400 ppm at all pre-stabilization and post-stabilization properties.

The data collected during this study indicated that at least one individual soil sample contained an elevated lead concentration in 17 of the 50 pre-stabilization transects (11 of the 25 properties). At least one individual soil sample contained an elevated lead concentration in 11 of the 42 post-stabilization transects. (10 of 21 properties). The individual sample results along each transect were highly variable. None of the transects showed a consistent pattern of individual sample results exceeding 400 ppm.

The data indicate that the majority of the elevated lead concentrations were confined to the area within 6 feet of the foundation of the home. The data also indicate that soil lead concentrations were lower and less frequent at properties sampled following paint stabilization and HEPA vacuuming of exposed soils to remove visible paint chips.

Correlation was observed between the degree of LBP deterioration and soil lead concentrations at pre-stabilization properties. Elevated soil lead concentrations were the highest and most consistent at properties with a high degree of LBP deterioration. This same correlation was not observed at post-stabilization properties following HEPA vacuuming of exposed surface soils.

The length of time passed since soil remediation occurred had no apparent effect on the soil lead levels observed at pre- or post-stabilization properties sampled in this study. Site drainage and the presence or absence of gutters also did not appear to influence lead concentrations measured in the soil.

This Recontamination Study characterized soil lead concentrations at 46 of the more than 45,000 properties within the final focus area of the OLS. Due to the relatively small sample size, the conditions found at the properties during this study, either individually or collectively, should not be considered representative of general conditions that may exist at other properties across the site. Nevertheless, certain general observations can be made in consideration of the limited data set generated in this study:

1. Elevated soil lead levels were measured in soils near foundations of structures following soil remediation at properties with deteriorating lead-based paint present on exterior surfaces.

2. A correlation was observed between the degree of deteriorated lead-based paint documented during previous assessments and elevated soil lead levels identified near foundation walls during this study.

3. The presence or absence of visible paint chips is not a reliable indicator of the presence of elevated soil lead levels at properties sampled in this study.

4. Both the magnitude and frequency of elevated soil lead concentrations detected in this study are generally lower at properties following lead-based paint stabilization and HEPA vacuuming of surface soils.

5. Although the soil sampling protocol was not designed for the purpose of characterizing risk, conditions at post-stabilization properties do not suggest a need for additional response action to address elevated soil lead levels.

7.0 References

BVSPC 2007. Final Remedial Design Quality Assurance Project Plan, Omaha Lead Site, February 1, 2007.

BVSPC 2005. Drip Zone (DZ) Width Determination Study Field Sampling Protocol, December 14, 2005.

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

Appendix A
LBP Assessment Soil Mixing Calculations

Appendix A
LBP Assessment Soil Mixing Calculations

The LBP Calculation Sheet (See Figure 2-1) is prepared using information recorded on the LBP assessment field sheet. The LBP Calculation Sheets will be used by EPA to assess the potential for elevated soil lead levels to develop in remediated drip zones due to the presence of deteriorating LBP. The LBP Calculation Sheet used in this analysis is based on the risk-management assumption that all deteriorating LBP falls in a 6-foot wide area surrounding the structure and is uniformly mixed in soil to a depth of one inch. These assumptions are subject to evaluation and modification, and are not intended to establish a basis for EPA decision-making.

In order to complete the calculation, LBP Assessment Field Sheet measurements are converted to metric system units (meters and kilograms). The conversion factors are shown on the LBP Calculation Sheet and are described below. Figure 2-1 is an example LBP Calculation Sheet for a property where the resulting increase in lead concentration would exceed 400 ppm under the stated mixing assumptions. The numbered steps in the LBP Calculation Sheet are explained in the following paragraphs.

Step 1 -- Building Perimeter

The Building Perimeter is the distance around the footprint of the structure, as recorded on the LBP Assessment Field Sheet site sketch.

Step 2 – Calculation of Impacted Soil Area

For purposes of this calculation, the impacted soil area is defined as a 6-foot wide strip of soil surrounding the structure. The impacted soil area includes the Building Perimeter multiplied by 6 feet (ft). This calculation also accounts for corner areas which consist of square areas that are six (6) feet per side. The area of each square is 6 ft x 6 ft = 36 square feet (ft^2). The "Impacted Soil Corner Area" for a typical structure adds 144 ft^2 (4 corners x 36 ft^2) to the total impacted soil area. Adding both numbers (Impacted soil area + Impacted soil corner area) gives "Total Impacted Soil Area" in square feet.

Step 3 – Calculation of Impacted Soil Mass

To calculate the mass of impacted soil, the Impacted Soil Volume is first determined using the assumption that all of the identified deteriorating LBP is mixed into the top one inch of soil. One inch equals 1/12 foot = 0.0833 ft. The Impacted Soil Volume is Total Impacted Soil Area in ft^2 (from step 2) multiplied by 0.0833 ft (area times depth). This Impacted Soil Volume is in cubic feet (ft^3), and is converted to cubic centimeters, as shown on the LBP Calculation Sheet.

The Impacted Soil Volume is then converted to Mass of Impacted Soil by multiplying the estimated bulk density of Omaha area surface soils (1.6 grams per cubic centimeter – g/cm^3) by the volume of soil (Impacted Soil Volume), then converting this number to kilograms (1,000 grams = 1 kilogram [kg]).

Step 4 – Calculation of Lead Mass in Impacted Soil that will Result in Soil Lead Concentration of 400 ppm

The lead mass in impacted soil that will result in soil lead concentrations of 400 ppm is calculated by multiplying the Mass of Impacted Soil (in kilograms from Step 3) by the 400 ppm screening level[1]. The resulting product (in milligrams) is converted to kilograms by multiplying by 1,000,000.

In the Example Lead Based Paint Calculation Sheet (Figure 2-1), the lead mass in impacted soil that will result in soil lead concentration of 400 ppm equals 1.69 kg. This amount of lead in drip zone soils would result in an increased concentration of 400 ppm if dispersed uniformly throughout the Impacted Soil Volume.

Step 5 – Tabulation of Potential Lead Contamination

The potential lead contamination for each group of similarly-painted surfaces is calculated in Step 5, using information from the LBP Assessment Field Sheet. The potential lead contamination for each group of similarly-painted surfaces is then added together to determine the total amount of lead present in deteriorated painted surfaces on the structure. The total amount of potential lead contamination is the amount of lead that could potentially fall onto the ground and mix with impacted soils for that particular structure. Following is a brief explanation of each column heading in Part 5 of the LBP Calculation Sheet:

- **Sample #** - Identifies the paint sample analyzed using the hand-held XRF unit.
- **Structure - Feature** – The type of structure or feature where the deteriorated paint sample was analyzed.
- **Lead Loading (mg/cm^2)** – The amount of lead detected in mg/cm^2 using the hand-held XRF detector.
- **Deteriorated Area (ft^2)** – The total area in square feet (ft^2) of the deteriorated paint on the structure for each type of similarly-painted surface.
- **Deteriorated Area (cm^2)** – Conversion to square centimeters. The conversion factor is 929.03 cm^2 per ft^2.
- **Lead (mg)** – The total amount of lead in each deteriorated area on the structure. This is calculated by multiplying **Lead Loading (mg/cm^2)** by **Deteriorated Area (cm^2).**
- **Lead (kg)** – Conversion to kilograms (kg). The conversion factor is 1,000,000 mg per kg.

[1] Parts per million (ppm) are mathematically equivalent to milligrams per kilogram (mg/kg)

Step 6 – Comparison of Potential Lead Contamination to Lead Mass in Impacted Soil that will Result in Soil Lead Concentration of 400 ppm

If the total amount of potential lead contamination (from Step 5) is greater than the lead mass in impacted soil that will result in a soil lead concentration of 400 ppm (from Step 4), the deteriorated paint on the structure could potentially fall to the ground, mix with impacted soils, and result in increased lead concentrations exceeding 400 ppm under the stated mixing assumptions.

Step 7 – Contamination Potential, Highest to Lowest

This table includes the same information presented in Step 5 for those surfaces that are determined to contribute to the potential lead content in deteriorated paint on the structure. In this tabulation, lead-painted surfaces are arranged from the highest amount of potential lead content to lowest. The purpose of including this information is to simply identify the surfaces where deteriorating LBP poses the greatest threat to the continued effectiveness of the remedy.

Appendix B
Field Sampling Protocol For LBP Recontamination Study

Field Sampling Protocols for Lead-Based Paint (LBP) Recontamination Study

Omaha Lead Site (OLS)

Introduction:

This document presents BVSPC's field sampling protocols for the LBP Recontamination Study at the OLS.

Sampling Protocols:

- 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.
- Approximately 63 residences will be included in the study. The homes must have painted sidings. Homes with brick or other permanent or factory finished sidings will not be sampled.
- 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) and the sampling procedures described in the Drip Zone (DZ) Width Determination Study Field Sampling Protocols (See Reference 4). Samples will consist of 3 aliquots, 0 – 1" depth, located within one foot of the tape measure: Sampling team shall diagram or describe aliquot locations.
- Visible paint chips lying on the surface of the soil will not be collected with the soil sample or mixed with the soil sample. Visible paint chips are not a component of the soil. Mixing of paint chips with the soil sample would not provide information as to whether deteriorated paint particles have resulted in elevated soil lead concentrations; it would only indicate whether the paint chips contained lead.
- Labeling: Sample identification shall be as follows: Sample labeling: RSDZ - ## - 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 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 Recontamination 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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.

Quality Control:

- Quality Control and Quality Assurance procedures in the February 1, 2007 BVSPC Quality Assurance Project Plan will be implemented.

- Laboratory confirmation testing will be conducted at a rate of 5%: One QC sample per 20 samples collected and analyzed using the office screening XRF will be submitted to the EPA Region 7 laboratory for analysis. QC samples will be labeled as follows: RSDZ-##-N(S, E, or W)L-BVID#

- 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. BVSPC 2007. Final Remedial Design Quality Assurance Project Plan, Omaha Lead Site, February 1, 2007.

3. Remedial Design Field Sampling Plan, Omaha Lead Site, Omaha, Nebraska, EPA Contract No. EP-S7-05-06, EPA Task Order No. 0091. Prepared by Black & Veatch Special Projects Corporation (BVSPC), December 7, 2006.

4. BVSPC 2005. Drip Zone (DZ) Width Determination Study Field Sampling Protocol, December 14, 2005.

Appendix C
Completed Field Sheets

Appendix C.1
Completed Field Sheets for Properties Sampled Prior to Paint Stabilization

Omaha Lead Site **Drip Zone Recontamination Study** 2002 LOW 3099

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-02-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA -3099: 216

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -3099		178	☐
RDZ02-E -3099		130	☐
RDZ03-E -3099		99	☐
RDZ04-E -3099		94	☐
RDZ05-E -3099		76	☐
RDZ06-E -3099		83	☐
RDZ07-E -3099		43	☐
RDZ08-E -3099		67	☐
RDZ09-E -3099		47	☐
RDZ10-E -3099		57	☐
RDZ11-E -3099		46	☐
RDZ12-E -3099		32	☐
RDZ13-E -3099		53	☐
RDZ14-E -3099		47	☐
RDZ15-E -3099		51	☐
RDZ16-E -3099		60	☐
RDZ17-E -3099		72	☑
RDZ18-E -3099		48	☐
RDZ19-E -3099		58	☐
RDZ-20-E -3099		48	☐
RDZ21-E -3099		54	☐

# of Samples: [ ] [ ] [ ]

RVCSCPXA -3099: 238

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S -3099		50	☐
RDZ02-S -3099		41	☐
RDZ03-S -3099		127	☐
RDZ04-S -3099		23	☐
RDZ05-S -3099		29	☐
RDZ06-S -3099		26	☐
RDZ07-S -3099		24	☐
RDZ08-S -3099		83	☐
RDZ09-S -3099		217	☐
RDZ10-S -3099		70	☐
RDZ11-S -3099		308	☐
RDZ12-S -3099		346	☐
RDZ13-S -3099		257	☐
RDZ14-S -3099		204	☐
RDZ15-S -3099		135	☐
RDZ16-S -3099		139	☑
RDZ17-S -3099		90	☐
RDZ18-S -3099		81	☐
RDZ19-S -3099		98	☐
RDZ20-S 3099		100	☐
RDZ21-S -3099		89	☐

# of Samples: [ ] [ ]

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

3099

Sampled Address: 1522 S 33 ST

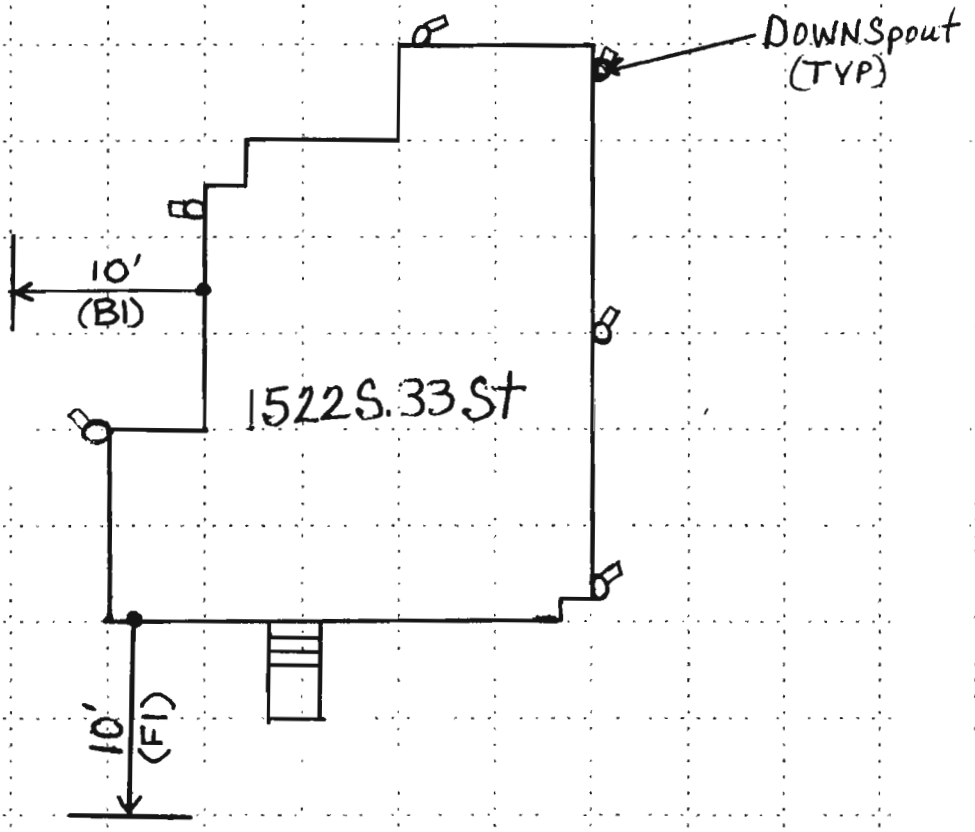
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 STORY 25'-2'
C. YES
D. PAINTED
E. Good
F. E-GRASS - S. GRASS
G. EAST - South
H. YES
I. AGE

2004 LOW

Omaha Lead Site **Drip Zone Recontamination Study** 3112

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-25-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXR-3112: 22

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-3112		727	☐	0	RDZ01-W-3112		237	☐
RDZ02-S-3112		373	☐	6	RDZ02-W-3112		502	☐
RDZ03-S-3112		166	☐	12	RDZ03-W-3112		349	☐
RDZ04-S-3112		135	☐	18	RDZ04-W-3112		167	☐
RDZ05-S-3112		84	☐	24	RDZ05-W-3112		162	☐
RDZ06-S-3112		97	☐	30	RDZ06-W-3112		148	☐
RDZ07-S-3112		76	☐	36	RDZ07-W-3112		104	☐
RDZ08-S-3112		81	☐	42	RDZ08-W-3112		207	☐
RDZ09-S-3112		113	☐	48	RDZ09-W-3112		67	☐
RDZ10-S-3112		122	☐	54	RDZ10-W-3112		48	☐
RDZ11-S-3112		102	☐	60	RDZ11-W-3112		89	☐
RDZ12-S-3112		162	☐	66	RDZ12-W-3112		48	☑
RDZ13-S-3112		126	☑	72	RDZ13-W-3112		39	☐
RDZ14-S-3112		146	☐	78	RDZ14-W-3112		38	☐
RDZ15-S-3112		93	☐	84	RDZ15-W-3112		26	☐
RDZ16-S-3112		77	☐	90	RDZ16-W-3112		34	☐
RDZ17-S-3112		58	☐	96	RDZ17-W-3112		20	☐
RDZ18-S-3112		46	☐	102	RDZ18-W-3112		26	☐
RDZ19-S-3112		47	☐	108	RDZ19-W-3112		22	☐
RDZ20-S-3112		51	☐	114	RDZ20-W-3112		26	☐
				120				
# of Samples:					# of Samples:			

Sampled Address: 4322 FRANKLIN ST

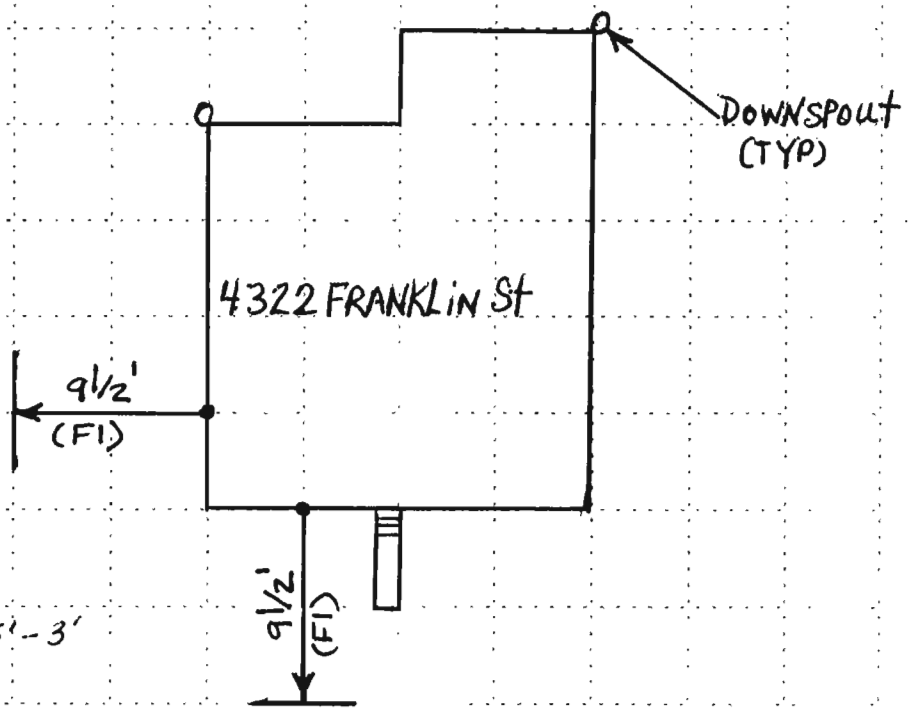
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 25'-3'
C. YES
D. PAINT
E. Poor
F. S - Grass - W - Grass
G. South - West
H. YES
I. Gutter MISSING

2002 Medium

Omaha Lead Site **Drip Zone Recontamination Study** 2227

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8 28 08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-2227: 23 RYASCPXA-2227: 214

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-N-2227		390	☐	6	RDZ01-E-2227		610	☐
RDZ02-N-2227		204	☐	12	RDZ02-E-2227		114	☐
RDZ03-N-2227		148	☐	18	RDZ03-E-2227		104	☐
RDZ04-N-2227		237	☐	24	RDZ04-E-2227		156	☐
RDZ05-N-2227		101	☐	30	RDZ05-E-2227	WALK		☐
RDZ06-N-2227		107	☐	36	RDZ06-E-2227	WALK		☐
RDZ07-N-2227		110	☐	42	RDZ07-E-2227	WALK		☐
RDZ08-N-2227		80	☐	48	RDZ08-E-2227	WALK		☐
RDZ09-N-2227		80	☐	54	RDZ09-E-2227	WALK		☐
RDZ10-N-2227		92	☐	60	RDZ10-E-2227		347	☐
RDZ11-N-2227		86	☐	66	RDZ11-E-2227		57	☐
RDZ12-N-2227		77	☐	72	RDZ12-E-2227		68	☐
RDZ13-N-2227		72	☐	78	RDZ13-E-2227		37	☐
RDZ14-N-2227		107	☐	84	RDZ14-E-2227		43	☐
RDZ15-N-2227		50	☑	90	RDZ15-E-2227		44	☐
RDZ16-N-2227		40	☐	96	RDZ16-E-2227		88	☐
RDZ17-N-2227		34	☐	102	RDZ17-E-2227		50	☐
RDZ18-N-2227		33	☐	108	RDZ18-E-2227		42	☐
RDZ19-N-2227		27	☐		RDZ19-E-2227		59	☐
RDZ20-N-2227		30	☐	114	RDZ20-E-2227		124	☐
RDZ21-N-2227		30	☐		RDZ21-E-2227		454	☑
				120				

# of Samples: N-21

# of Samples: E-21

Rev RS-1

044701 01.23

Sampled Address: 3109 PACIFIC ST

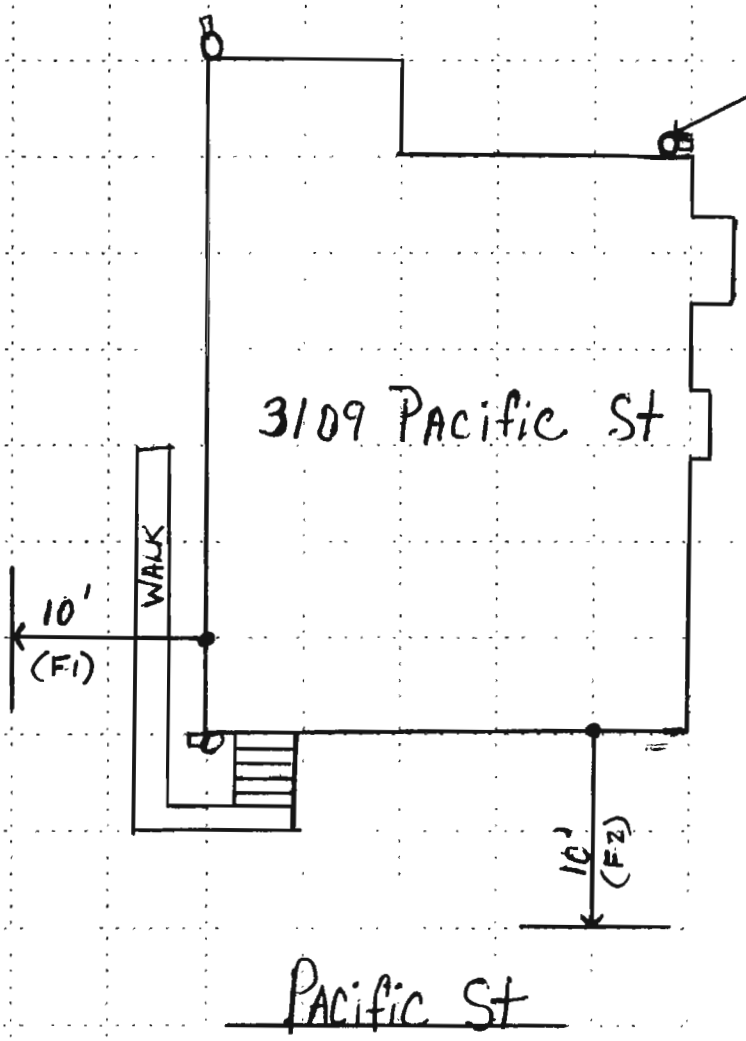
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. POSITIVE
B. 3 STORY 30'-3'
C. YES
D. PAINT
E. POOR
F. N-GRASS E-GRASS
G. NORTH-EAST
H. YES
I. PAINT CHIP AROUND FOUNDATION

2003 LOW

Omaha Lead Site **Drip Zone Recontamination Study** 25287

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-24-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPLR-25287: 22

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-S-25287		1302	☐		RDZ01-E-25287		1653	☐
				6				
RDZ02-S-25287		945	☐		RDZ02-E-25287		110	☐
				12				
RDZ03-S-25287		677	☐		RDZ03-E-25287		89	☐
				18				
RDZ04-S-25287		630	☐		RDZ04-E-25287		132	☐
				24				
RDZ05-S-25287		572	☐		RDZ05-E-25287		231	☐
				30				
RDZ06-S-25287		356	☐		RDZ06-E-25287		420	☐
				36				
RDZ07-S-25287		429	☐		RDZ07-E-25287		339	☐
				42				
RDZ08-S-25287		381	☐		RDZ08-E-25287		250	☐
				48				
RDZ09-S-25287		385	☐		RDZ09-E-25287		125	☑
				54				
RDZ10-S-25287		307	☐		RDZ10-E-25287		103	☐
				60				
RDZ11-S-25287		183	☑		RDZ11-E-25287		60	☐
				66				
RDZ12-S-25287		133	☐		RDZ12-E-25287		57	☐
				72				
RDZ13-S-25287		118	☐		RDZ13-E-25287		53	☐
				78				
RDZ14-S-25287		81	☐		RDZ14-E-25287		58	☐
				84				
RDZ15-S-25287		75	☐		RDZ15-E-25287		67	☐
				90				
RDZ16-S-25287		90	☐		RDZ16-E-25287		84	☐
				96				
RDZ17-S-25287		60	☐		RDZ17-E-25287		81	☐
				102				
RDZ18-S-25287		60	☐		RDZ18-E-25287		38	☐
				108				
RDZ19-S-25287		53	☐		RDZ19-E-25287		40	☐
				114				
RDZ20-S-25287		75	☐		RDZ20-E-25287		24	☐
				120				

# of Samples: ☐ ☐ ☐ # of Samples: ☐ ☐ ☐

25287

Sampled Address: 3102 LAFAYETTE AV

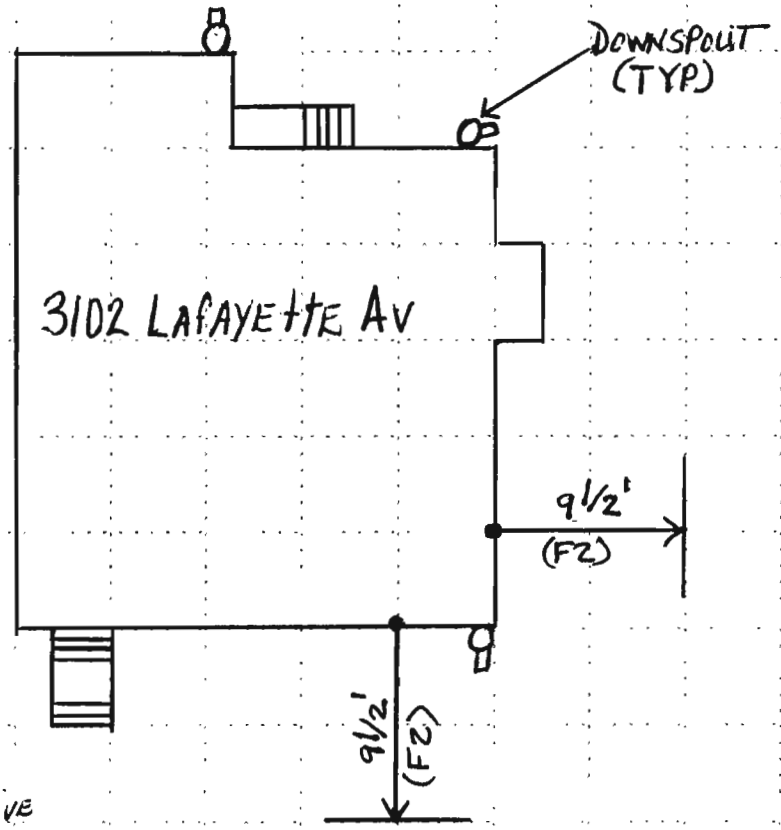
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. S-NEGATIVE E-POSITIVE
B. 2 STORY 20'-2'
C. YES
D. PAINT
E. POOR
F. S-GRASS -E-GRASS
G. SOUTH-EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION

2005 Median

Omaha Lead Site **Drip Zone Recontamination Study** 2322

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-25-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPX A-2322: 19

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-S-2322		321	☐		RDZ01-E-2322		24	☐
				6				
RDZ02-S-2322		82	☐		RDZ02-E-2322		23	☐
				12				
RDZ03-S-2322		103	☐		RDZ03-E-2322		30	☐
				18				
RDZ04-S-2322		126	☐		RDZ04-E-2322		64	☐
				24				
RDZ05-S-2322		78	☐		RDZ05-E-2322		18	☐
				30				
RDZ06-S-2322		62	☐		RDZ06-E-2322		17	☐
				36				
RDZ07-S-2322		57	☐		RDZ07-E-2322		21	☐
				42				
RDZ08-S-2322		47	☐		RDZ08-E-2322		18	☐
				48				
RDZ09-S-2322		43	☐		RDZ09-E-2322		28	☐
				54				
RDZ10-S-2322		42	☐		RDZ10-E-2322		20	☐
				60				
RDZ11-S-2322		30	☐		RDZ11-E-2322		14	☐
				66				
RDZ12-S-2322		32	☐		RDZ12-E-2322		17	☐
				72				
RDZ13-S-2322		33	☐		RDZ13-E-2322		20	☑
				78				
RDZ14-S-2322		25	☑		RDZ14-E-2322		26	☐
				84				
RDZ15-S-2322		26	☐		RDZ15-E-2322		24	☐
				90				
RDZ16-S-2322		34	☐		RDZ16-E-2322		21	☐
				96				
RDZ17-S-2322		38	☐		RDZ17-E-2322		21	☐
				102				
RDZ18-S-2322		48	☐		RDZ18-E-2322		24	☐
				108				
RDZ19-S-2322		40	☐		RDZ19-E-2322		16	☐
				114				
RDZ20-S-2322		41	☐		RDZ20-E-2322		19	☐
				120				

# of Samples: [ ] [ ] [ ]

# of Samples: [ ] [ ] [ ]

Sampled Address: 4308 CAMDEN AV

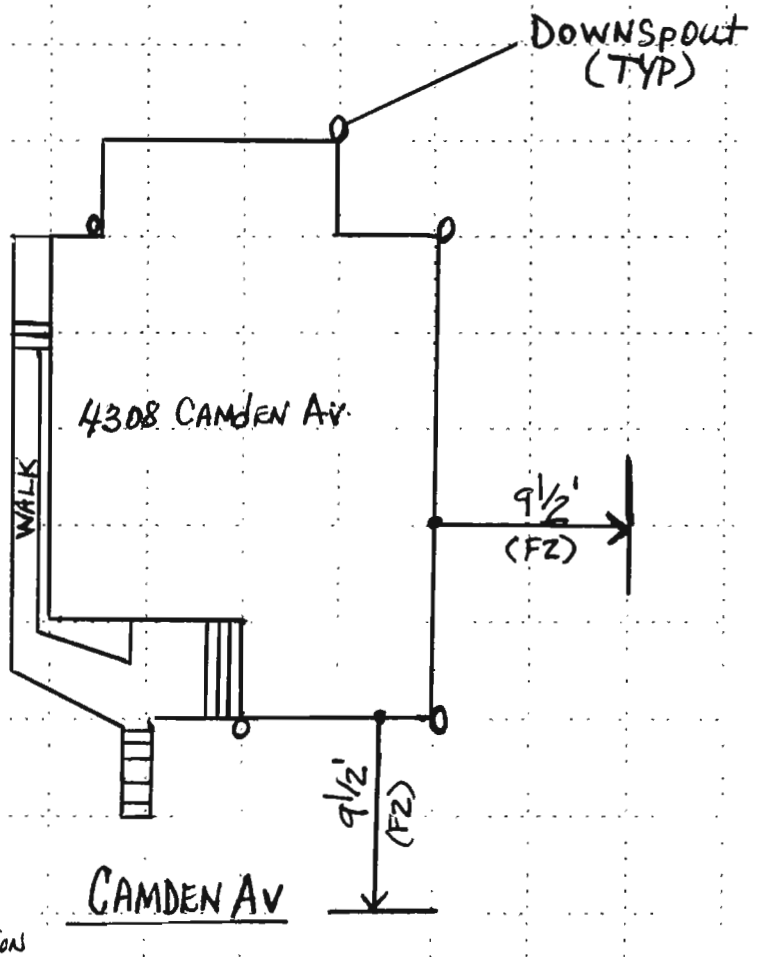
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 30'-2'
C. YES
D. PAINT
E. POOR
F. S - GRASS E - GRASS
G. South - East
H. YES
I. PAINT CHIP AROUND FOUNDATION

2003 Medium

Omaha Lead Site **Drip Zone Recontamination Study** 23648

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-21-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYDSCPXA-23648: 20

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB	
				0
RDZ01-E-23648		58	☐	
				6
RDZ02-E-23648		32	☐	
				12
RDZ03-E-23648		20	☐	
				18
RDZ04-E-23648		21	☐	
				24
RDZ05-E-23648		21	☐	
				30
RDZ06-E-23648		20	☐	
				36
RDZ07-E-23648		27	☐	
				42
RDZ08-E-23648		30	☐	
				48
RDZ09-E-23648		29	☐	
				54
RDZ10-E-23648		32	☐	
				60
RDZ11-E-23648		28	☐	
				66
RDZ12-E-23648		23	☐	
				72
RDZ13-E-23648		21	☐	
				78
RDZ14-E-23648		26	☐	
				84
RDZ15-E-23648		32	☑	
				90
RDZ16-E-23648		34	☐	
				96
RDZ17-E-23648		26	☐	
				102
RDZ18-E-23648		34	☐	
				108
RDZ19-E-23648		28	☐	
				114
RDZ20-E-23648		28	☐	
				120

# of Samples: ☐ ☐ ☐

RYCSCPXA-23648: 20

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N-23648		79	☐
RDZ02-N-23648		28	☐
RDZ03-N-23648		27	☐
RDZ04-N-23648		23	☐
RDZ05-N-23648		35	☐
RDZ06-N-23648		31	☐
RDZ07-N-23648		21	☐
RDZ08-N-23648		21	☐
RDZ09-N-23648		23	☐
RDZ10-N-23648		22	☐
RDZ11-N-23648		61	☐
RDZ12-N-23648		15	☐
RDZ13-N-23648		16	☐
RDZ14-N-23648		20	☐
RDZ15-N-23648		22	☑
RDZ16-N-23648		23	☐
RDZ17-N-23648		25	☐
RDZ18-N-23648		19	☐
RDZ19-N-23648		22	☐
RDZ20-N-23648		25	☐

# of Samples: ☐ ☐ ☐

23648

Sampled Address: 3152 CHICAGO ST

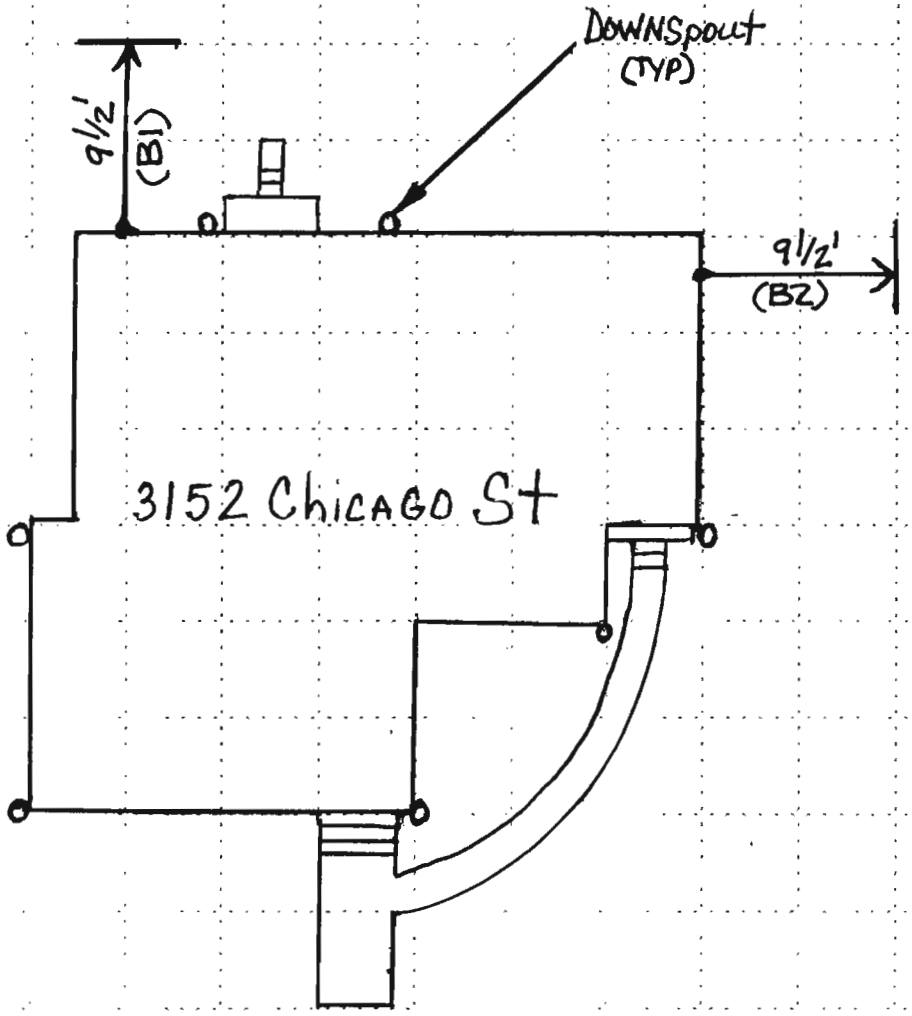
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 30'-3'
C. YES
D. Paint
E. Poor
F. E-Grass N-Grass
G. East – North
H. YES
I. NONE

Omaha Lead Site **Drip Zone Recontamination Study** 2003 HIGH 25002

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-08-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-25002 31

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-25002		791	☐
RDZ02-W-25002		886	☐
RDZ03-W-25002		446	☐
RDZ04-W-25002		308	☐
RDZ05-W-25002		166	☐
RDZ06-W-25002		100	☐
RDZ07-W-25002		244	☐
RDZ08-W-25002		81	☐
RDZ09-W-25002		64	☐
RDZ10-W-25002		72	☐
RDZ11-W-25002		63	☐
RDZ12-W-25002		37	☐
RDZ13-W-25002		29	☐
RDZ14-W-25002		42	☐
RDZ15-W-25002		46	☐
RDZ16-W-25002		71	☐
RDZ17-W-25002		52	☐
RDZ18-W-25002		63	☐
RDZ19-W-25002		30	☑
RDZ20-W-25002		34	☐
RDZ21-W-25002		24	☐

# of Samples: [ ] [ ] [ ]

RYCSCPXA-25002 55

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-25002		95	☐
RDZ02-E-25002		47	☐
RDZ03-E-25002		66	☐
RDZ04-E-25002		74	☐
RDZ05-E-25002		57	☐
RDZ06-E-25002		330	☐
RDZ07-E-25002		418	☐
RDZ08-E-25002		812	☐
RDZ09-E-25002		433	☐
RDZ10-E-25002		588	☐
RDZ11-E-25002		297	☐
RDZ12-E-25002		114	☐
RDZ13-E-25002		343	☐
RDZ14-E-25002		104	☐
RDZ15-E-25002		381	☐
RDZ16-E-25002		434	☑
RDZ17-E-25002		169	☐
RDZ18-E-25002		32	☐
RDZ19-E-25002		54	☐
RDZ20-E-25002		47	☐
RDZ21-E-25002		57	☐

# of Samples: [ ] [ ] [ ]

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

25002

Sampled Address: 1111 N 36 ST

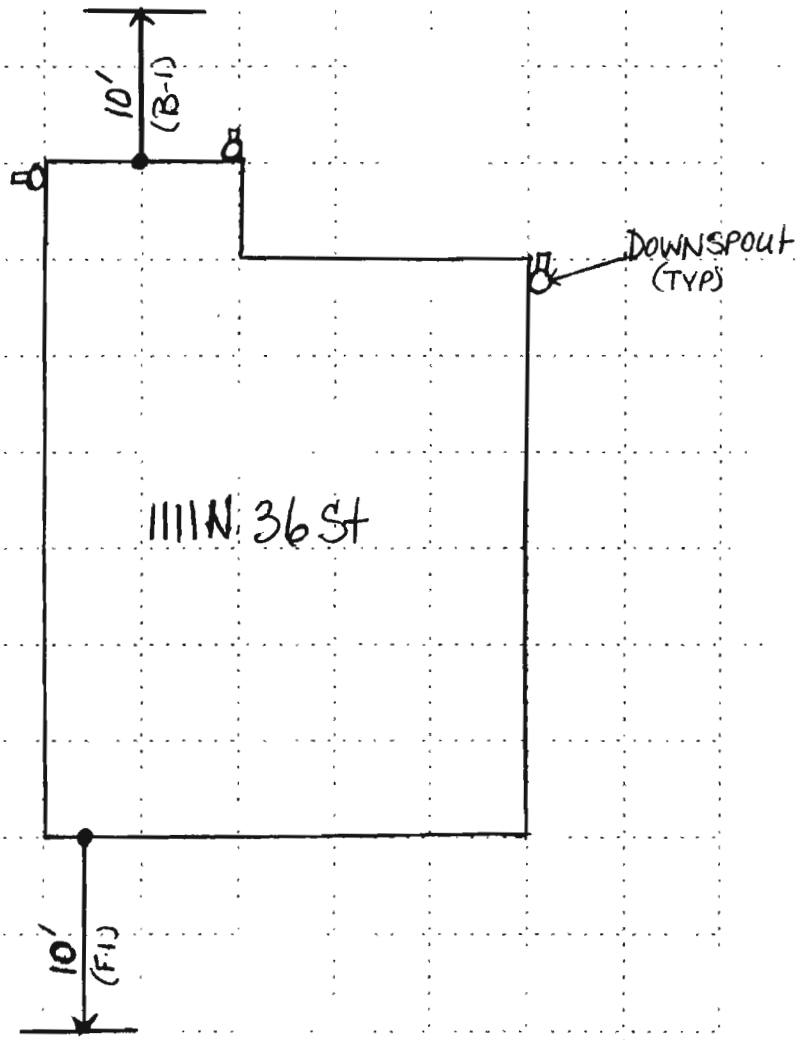
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 30'-3'
C. Yes
D. Paint
E. Poor
F. West-Mulch - East-Grass
G West - East
H. Yes
I. Paint chips around foundation

Rev RS-1

046141 01

Omaha Lead Site **Drip Zone Recontamination Study** 30260

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-25-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-30260 : 25

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W -30260		140	☐
RDZ02-W -30260		202	☐
RDZ03-W -30260		52	☐
RDZ04-W -30260		210	☐
RDZ05-W -30260		106	☐
RDZ06-W -30260		40	☐
RDZ07-W -30260		158	☐
RDZ08-W -30260		89	☐
RDZ09-W -30260		81	☐
RDZ10-W -30260		71	☐
RDZ11-W -30260		50	☐
RDZ12-W -30260		33	☐
RDZ13-W -30260		28	☐
RDZ14-W -30260		68	☐
RDZ15-W -30260		30	☐
RDZ16-W -30260		60	☑
RDZ17-W -30260		28	☐
RDZ18-W -30260		30	☐
RDZ19-W -30260		29	☐
RDZ20-W -30260		36	☐

# of Samples: ☐ ☐ ☐

RYDSCPXA-30260 : 30

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -30260		61	☐
RDZ02-N -30260		33	☐
RDZ03-N -30260		39	☐
RDZ04-N -30260		104	☐
RDZ05-N -30260		88	☐
RDZ06-N -30260		69	☐
RDZ07-N -30260		131	☐
RDZ08-N -30260		112	☐
RDZ09-N -30260		43	☐
RDZ10-N -30260		89	☐
RDZ11-N -30260		98	☐
RDZ12-N -30260		58	☐
RDZ13-N -30260		33	☐
RDZ14-N -30260		47	☐
RDZ15-N -30260		51	☑
RDZ16-N -30260		88	☐
RDZ17-N -30260		54	☐
RDZ18-N -30260		53	☐
RDZ19-N -30260		116	☐
RDZ20-N -30260		141	☐

# of Samples: ☐ ☐

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

30260

Sampled Address: 1924 BINNEY ST

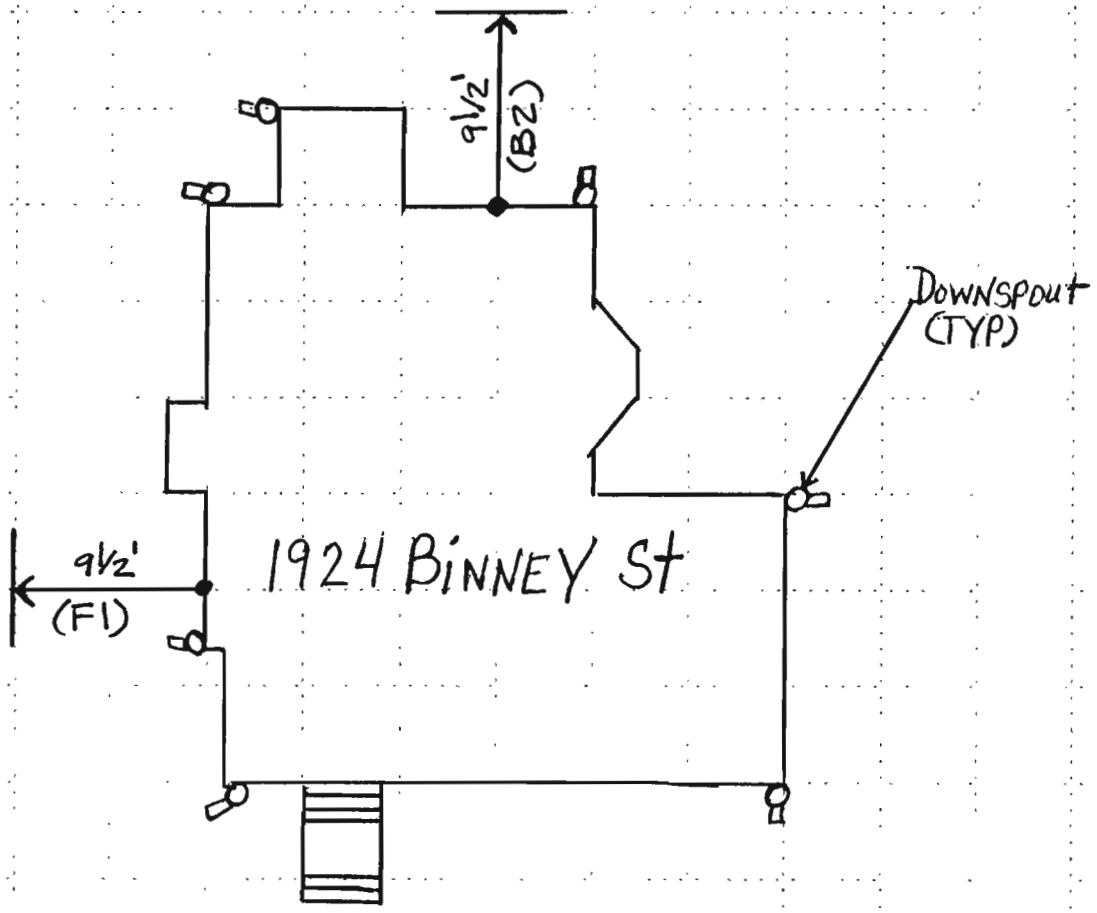
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 25'–3'
C. YES
D. PAINT
E. POOR
F. W-GRASS N-GRASS
G. WEST – NORTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

2004 LOW

Omaha Lead Site **Drip Zone Recontamination Study** 23160

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-24-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYBSCXPA-23160: 55

RYASCPXA-23160: 15

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-E -23160		35	☐		RDZ01-S -23160		46	☐
				6				
RDZ02-E -23160		27	☐		RDZ02-S -23160		42	☐
				12				
RDZ03-E -23160		31	☐		RDZ03-S -23160		121	☐
				18				
RDZ04-E -23160		27	☐		RDZ04-S -23160		41	☐
				24				
RDZ05-E -23160		74	☐		RDZ05-S -23160		50	☐
				30				
RDZ06-E -23160		67	☐		RDZ06-S -23160		66	☐
				36				
RDZ07-E -23160		42	☐		RDZ07-S -23160		66	☐
				42				
RDZ08-E -23160		27	☐		RDZ08-S -23160		30	☐
				48				
RDZ09-E -23160		24	☐		RDZ09-S -23160		30	☐
				54				
RDZ10-E -23160		32	☐		RDZ10-S -23160		31	☑
				60				
RDZ11-E -23160		20	☐		RDZ11-S -23160		21	☐
				66				
RDZ12-E -23160		20	☑		RDZ12-S -23160		24	☐
				72				
RDZ13-E -23160		23	☐		RDZ13-S -23160		19	☐
				78				
RDZ14-E -23160		22	☐		RDZ14-S -23160		19	☐
				84				
RDZ15-E -23160		24	☐		RDZ15-S -23160		29	☐
				90				
RDZ16-E -23160		20	☐		RDZ16-S -23160		25	☐
				96				
RDZ17-E -23160		19	☐		RDZ17-S -23160		23	☐
				102				
RDZ18-E -23160		22	☐		RDZ18-S -23160		21	☐
				108				
RDZ19-E -23160		25	☐		RDZ19-S -23160		29	☐
				114				
RDZ20-E -23160		18	☐		RDZ20-S -23160		16	☐
				120				
# of Samples:					# of Samples:			

23160

Sampled Address: 118 N 35 ST

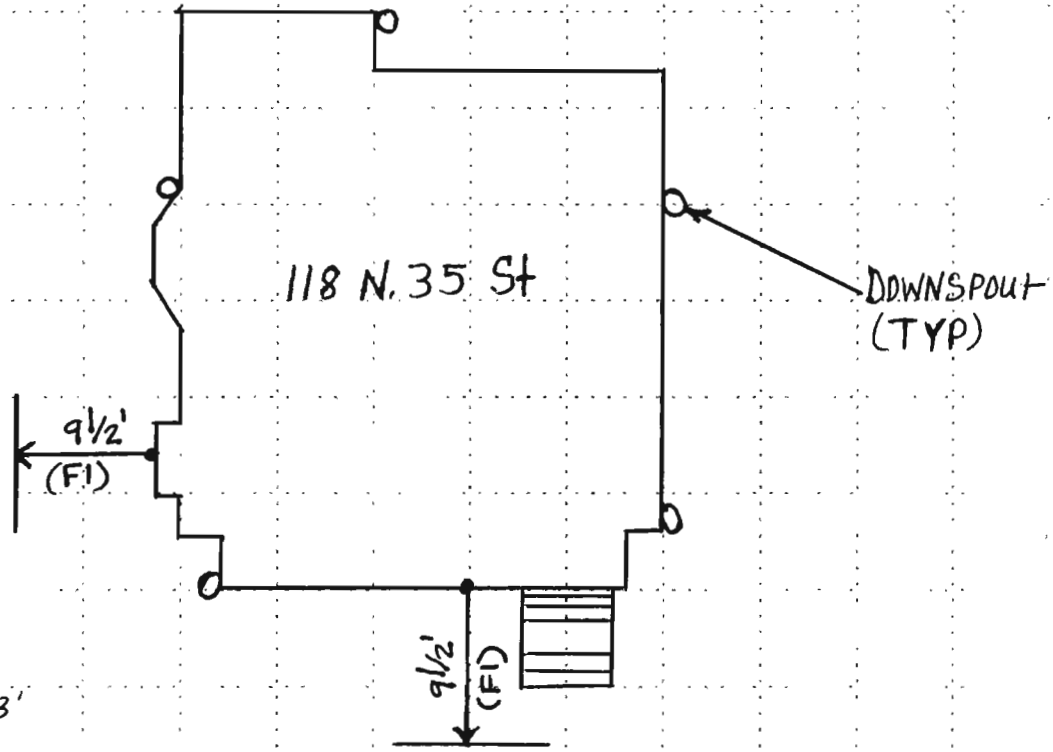
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☒ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 3 STORY 35'-3'
C. YES
D. PAINT
E. POOR
F. E - GRASS - S - GRASS
G. EAST - SOUTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

2004 Low

Omaha Lead Site **Drip Zone Recontamination Study** 28165

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-28-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-28165: 28 Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -28165		1576	☐	0	RDZ01-W -28165		635	☐
RDZ02-N -28165		79	☐	6	RDZ02-W -28165		115	☐
RDZ03-N -28165		34	☐	12	RDZ03-W -28165		39	☐
RDZ04-N -28165		25	☐	18	RDZ04-W -28165		49	☐
RDZ05-N -28165		91	☐	24	RDZ05-W -28165		40	☐
RDZ06-N -28165		72	☐	30	RDZ06-W -28165		48	☐
RDZ07-N -28165		43	☐	36	RDZ07-W -28165		48	☐
RDZ08-N -28165		46	☐	42	RDZ08-W -28165		110	☐
RDZ09-N -28165		38	☐	48	RDZ09-W -28165		702	☐
RDZ10-N -28165		37	☐	54	RDZ10-W -28165		1024	☐
RDZ11-N -28165		30	☐	60	RDZ11-W -28165		592	☐
RDZ12-N -28165		16	☐	66	RDZ12-W -28165		879	☑
RDZ13-N -28165		29	☑	72	RDZ13-W -28165		714	☐
RDZ14-N -28165		28	☐	78	RDZ14-W -28165	Asphalt		☐
RDZ15-N -28165		19	☐	84	RDZ15-W -28165	Asphalt		☐
RDZ16-N -28165		20	☐	90	RDZ16-W -28165	Asphalt		☐
RDZ17-N -28165		30	☐	96	RDZ17-W -28165	Asphalt		☐
RDZ18-N -28165		28	☐	102	RDZ18-W -28165	Asphalt		☐
RDZ19-N -28165		24	☐	108	RDZ19-W -28165	Asphalt		☐
RDZ20-N-28165		22	☐	114				
RDZ21-N -28165		26	☐		RDZ20- -28165	Asphalt		☐
# of Samples:				120	# of Samples:			

28165

Sampled Address: 1625 VICTOR AV

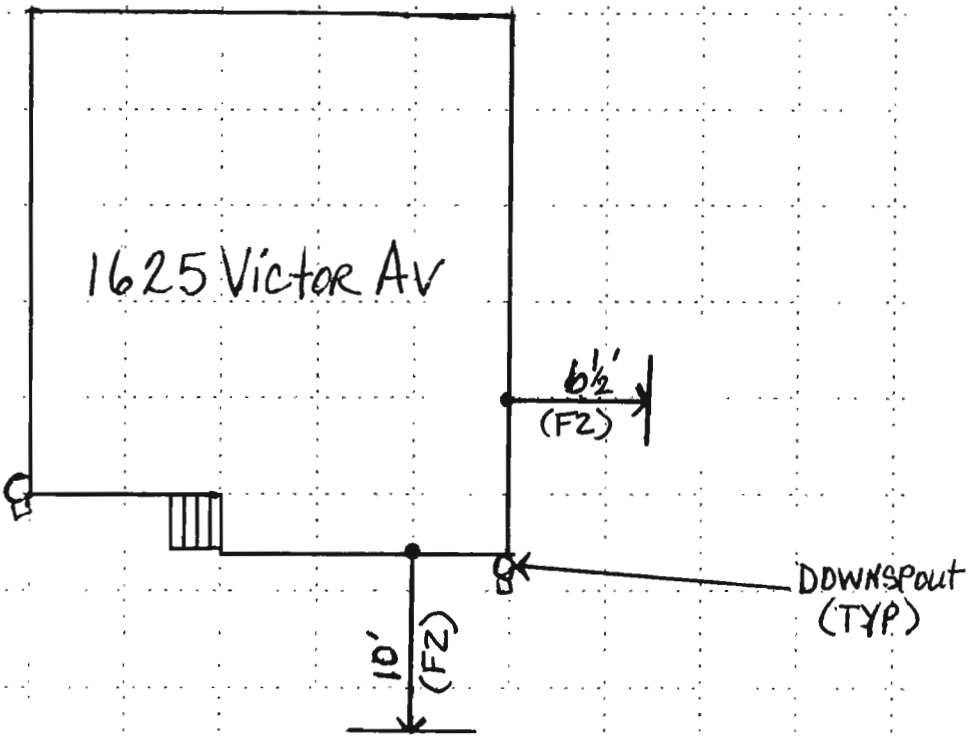
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 20'-3'
C. W + S NO Gutter
D. Paint
E. Poor
F. N-Grass W-Grass
G. North-West
H. YES
I Paint Chips around foundation

2004 Medium

Omaha Lead Site **Drip Zone Recontamination Study** 23412

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8·24·08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXR·23412: 23

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-E-23412		33	☐		RDZ01-N-23412		26	☐
				6				
RDZ02-E-23412		182	☐		RDZ02-N-23412		34	☐
				12				
RDZ03-E-23412		147	☐		RDZ03-N-23412		36	☐
				18				
RDZ04-E-23412		169	☐		RDZ04-N-23412		24	☐
				24				
RDZ05-E-23412		73	☐		RDZ05-N-23412		29	☐
				30				
RDZ06-E-23412		31	☐		RDZ06-N-23412		34	☑
				36				
RDZ07-E-23412		51	☑		RDZ07-N-23412		28	☐
				42				
RDZ08-E-23412		159	☐		RDZ08-N-23412		26	☐
				48				
RDZ09-E-23412		57	☐		RDZ09-N-23412		23	☐
				54				
RDZ10-E-23412		30	☐		RDZ10-N-23412		20	☐
				60				
RDZ11-E-23412		52	☐		RDZ11-N-23412		42	☐
				66				
RDZ12-E-23412		36	☐		RDZ12-N-23412		26	☐
				72				
RDZ13-E-23412		138	☐		RDZ13-N-23412		30	☐
				78				
RDZ14-E-23412		40	☐		RDZ14-N-23412		32	☐
				84				
RDZ15-E-23412		52	☐		RDZ15-N-23412		29	☐
				90				
RDZ16-E-23412		34	☐		RDZ16-N-23412		34	☐
				96				
RDZ17-E-23412		31	☐		RDZ17-N-23412		25	☐
				102				
RDZ18-E-23412		23	☐		RDZ18-N-23412		38	☐
				108				
RDZ19-E-23412		33	☐		RDZ19-N-23412		19	☐
				114				
RDZ20-E-23412		29	☐		RDZ20-N-23412		17	☐
				120				
# of Samples:					# of Samples:			

23412

Sampled Address: 224 N 32 AV

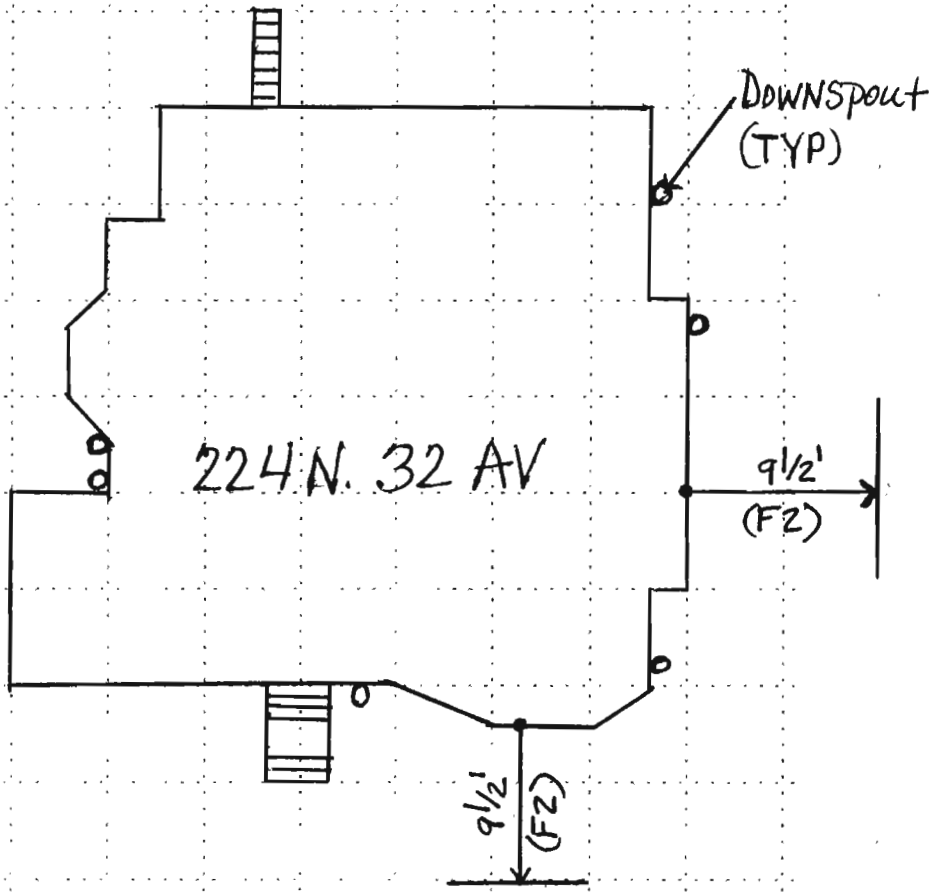
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☒ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. POSITIVE
B. 3 STORY 30' – 3'
C. YES
D. PAINT
E. POOR
F. E-GRASS N. BRASS
G. EAST – NORTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

2004 High

Omaha Lead Site **Drip Zone Recontamination Study** 22355

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-24-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-22355 21

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W -22355		788	☐
RDZ02-W -22355		240	☐
RDZ03-W -22355		293	☐
RDZ04-W -22355		2401	☑
RDZ05-W -22355		1809	☐
RDZ06-W -22355		764	☐
RDZ07-W -22355		471	☐
RDZ08-W -22355		415	☐
RDZ09-W -22355		196	☐
RDZ10-W -22355	Shurb		☐
RDZ11-W -22355	Shurb		☐
RDZ12-W -22355	Shurb		☐
RDZ13-W -22355	Shurb		☐
RDZ14-W -22355	Shurb		☐
RDZ15-W -22355		155	☐
RDZ16-W -22355		112	☐
RDZ17-W -22355		77	☐
RDZ18-W -22355		41	☐
RDZ19-W -22355		30	☐
RDZ20-W -22355		35	☐

# of Samples: _____

RYGSCPXA-22355 28

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -22355	WALK		☐
RDZ02-N -22355	WALK		☐
RDZ03-N -22355	WALK		☐
RDZ04-N -22355	WALK		☐
RDZ05-N -22355	WALK		☐
RDZ06-N -22355	WALK		☐
RDZ07-N -22355	WALK		☐
RDZ08-N -22355		916	☐
RDZ09-N -22355		227	☐
RDZ10-N -22355		186	☐
RDZ11-N -22355		142	☐
RDZ12-N -22355		49	☐
RDZ13-N -22355		53	☐
RDZ14-N -22355		62	☐
RDZ15-N -22355		43	☑
RDZ16-N -22355		122	☐
RDZ17-N -22355		63	☐
RDZ18-N -22355		43	☐
RDZ19-N -22355		40	☐
RDZ20-N -22355		68	☐

# of Samples: _____

22355

Sampled Address: 701 S 36 ST

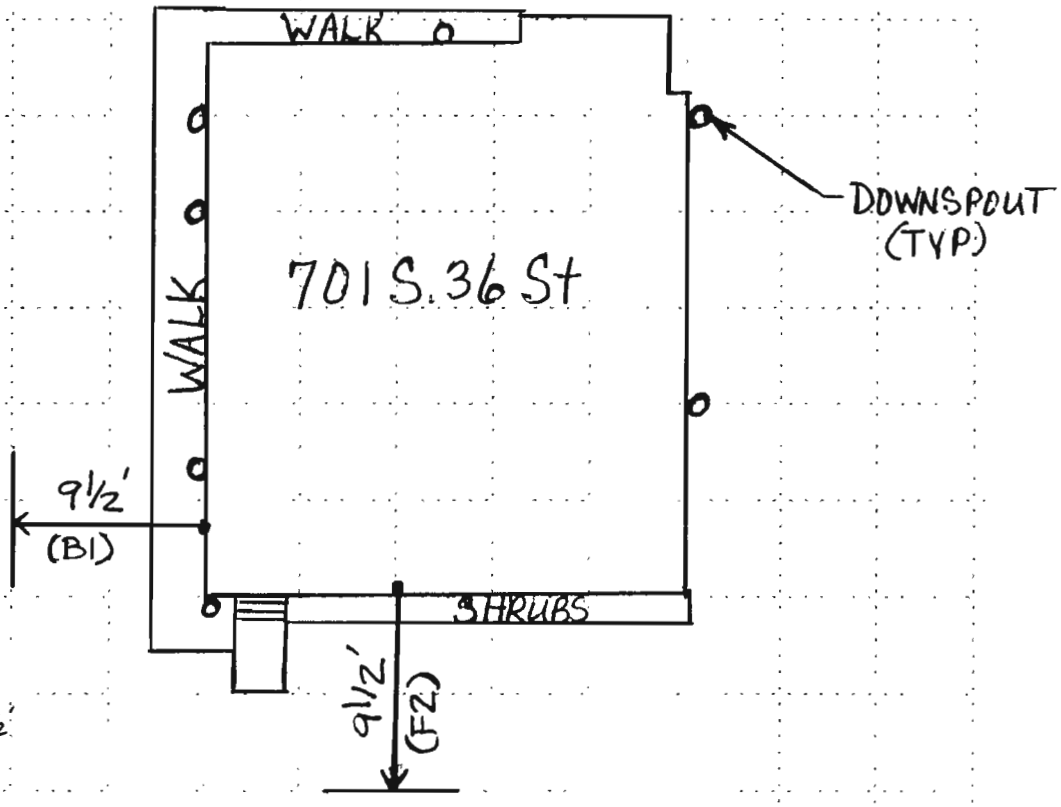
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 30'-3½'
C. YES
D. PAINT
E. POOR
F. N-GRASS W-GRASS
G. North - West
H. YES
I. Paint Chips Around Foundation

S. 36 St

2004 High

Omaha Lead Site **Drip Zone Recontamination Study** 23680

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-24-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-23680: 27

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-23680		33	☐	0	RDZ01-E-23680		38	☐
RDZ02-S-23680		708	☐	6	RDZ02-E-23680		33	☐
RDZ03-S-23680		295	☐	12	RDZ03-E-23680		101	☐
RDZ04-S-23680		199	☐	18	RDZ04-E-23680		40	☐
RDZ05-S-23680		34	☐	24	RDZ05-E-23680		30	☐
RDZ06-S-23680		23	☐	30	RDZ06-E-23680		25	☐
RDZ07-S-23680		28	☐	36	RDZ07-E-23680		26	☐
RDZ08-S-23680		87	☐	42	RDZ08-E-23680		62	☑
RDZ09-S-23680		188	☐	48	RDZ09-E-23680		27	☐
RDZ10-S-23680		41	☑	54	RDZ10-E-23680		27	☐
RDZ11-S-23680		41	☐	60	RDZ11-E-23680		25	☐
RDZ12-S-23680		35	☐	66	RDZ12-E-23680		66	☐
RDZ13-S-23680		86	☐	72	RDZ13-E-23680		22	☐
RDZ14-S-23680		29	☐	78	RDZ14-E-23680		24	☐
RDZ15-S-23680		34	☐	84	RDZ15-E-23680		25	☐
RDZ16-S-23680		30	☐	90	RDZ16-E-23680		26	☐
RDZ17-S-23680		33	☐	96	RDZ17-E-23680		13	☐
RDZ18-S-23680		34	☐	102	RDZ18-E-23680		24	☐
RDZ19-S-23680		56	☐	108	RDZ19-E-23680		22	☐
RDZ20-S-23680		28	☐	114	RDZ20-E-23680		23	☐
# of Samples:				120	# of Samples:			

23680

Sampled Address: 3122 CHICAGO ST

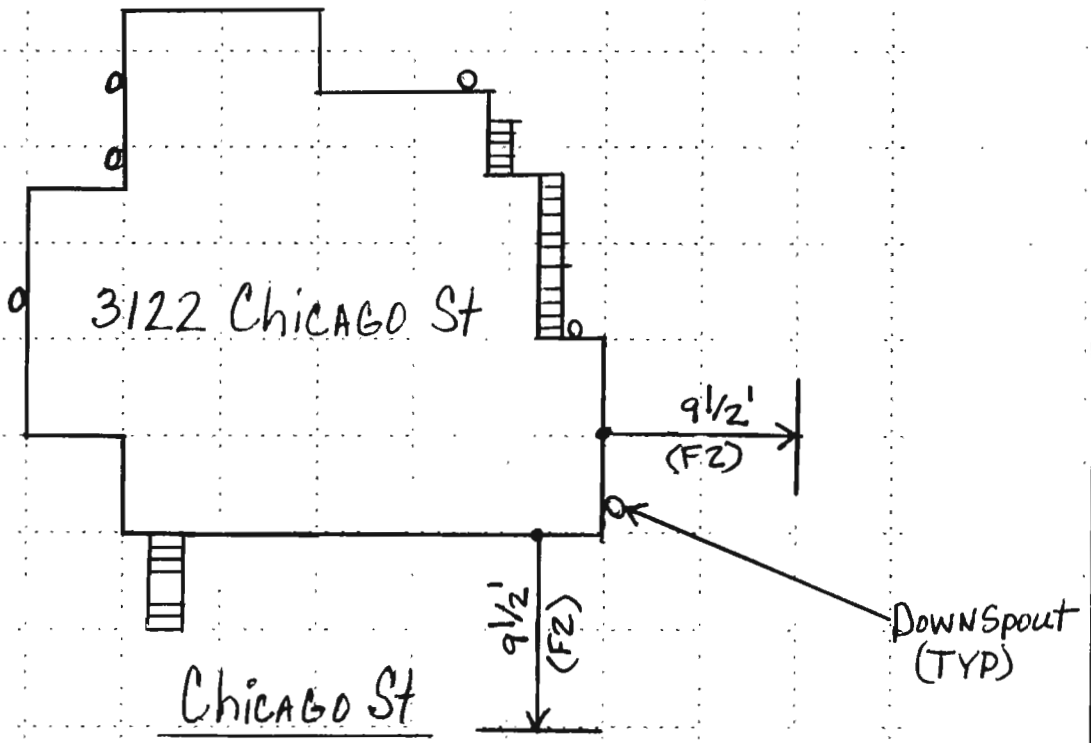
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 30f - 4'
C. YES
D. PAINT
E. Poor
F. South - GRASS - E GRASS
G. South - East
H. YES
I. Poor PAINT

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 27559

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-04-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYD SCPXA - 27559 21

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S -27559		154	☐
RDZ02-S -27559		35	☐
RDZ03-S -27559		27	☐
RDZ04-S -27559		24	☑
RDZ05-S -27559		31	☐
RDZ06-S -27559		20	☐
RDZ07-S -27559		29	☐
RDZ08-S -27559		34	☐
RDZ09-S -27559		26	☐
RDZ10-S -27559		24	☐
RDZ11-S -27559		28	☐
RDZ12-S -27559		16	☐
RDZ13-S -27559		28	☐
RDZ14-S -27559		32	☐
RDZ15-S -27559		30	☐
RDZ16-S -27559		28	☐
RDZ17-S -27559		16	☐
RDZ18-S -27559		20	☐
RDZ19-S -27559		27	☐
RDZ20-S-27559		19	☐
RDZ21-S -27559		19	☐

# of Samples: ____ ____ ____

RYBSCPXA - 27559 23

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -27559	LS		☐
RDZ02-N -27559	LS		☐
RDZ03-N -27559	LS		☐
RDZ04-N -27559	LS		☐
RDZ05-N -27559	LS		☐
RDZ06-N -27559	LS		☐
RDZ07-N -27559		25	☐
RDZ08-N -27559		46	☐
RDZ09-N -27559		29	☑
RDZ10-N -27559		26	☐
RDZ11-N -27559		29	☐
RDZ12-N -27559		35	☐
RDZ13-N -27559		39	☐
RDZ14-N -27559		39	☐
RDZ15-N -27559		41	☐
RDZ16-N -27559		52	☐
RDZ17-N -27559		56	☐
RDZ18-N -27559		47	☐
RDZ19-N -27559		37	☐
RDZ20-N-27559		57	☐
RDZ21-N -27559		119	☐

# of Samples: ____ ____ ____

27559

Sampled Address: 4227 GRANT ST

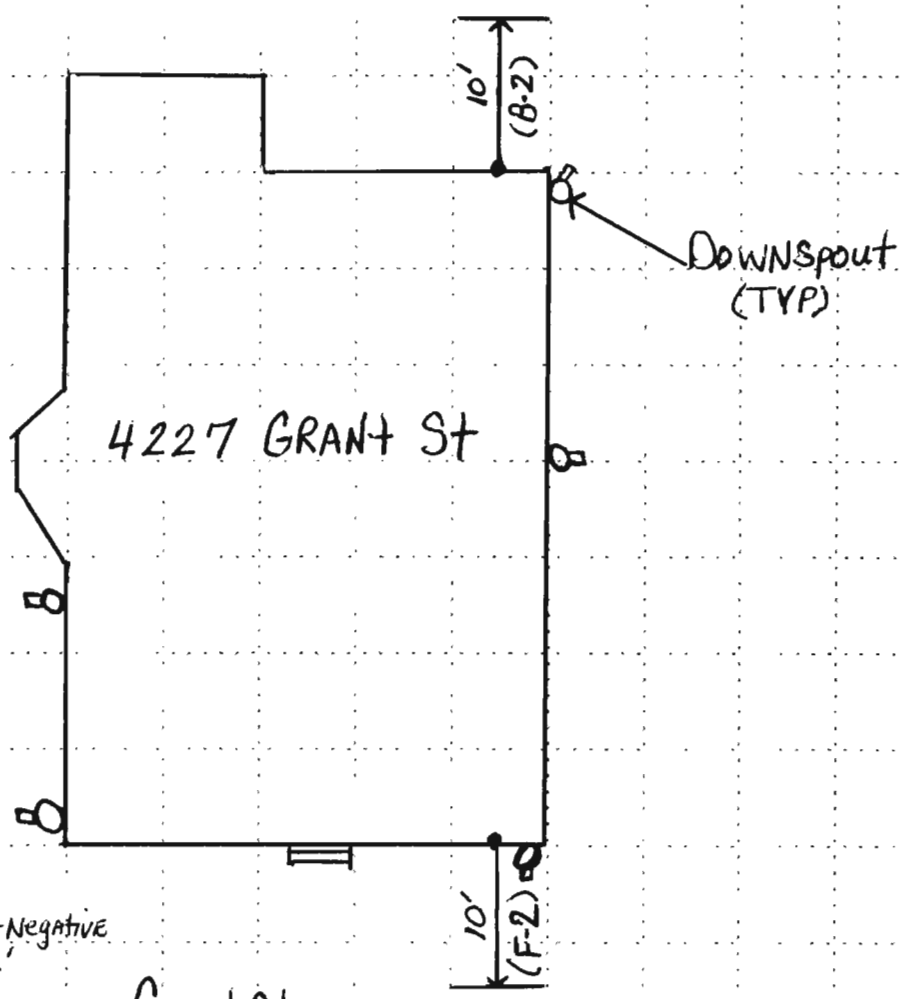
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. S-Positive - North - Negative
B. 2 Story 20' - 2'
C. YES
D. PAINT
E. POOR
F. S GRASS - N-LS - GRASS
G. South - North
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 37777

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-02-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RMRSCPXA-37777 : 24

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N-37777		60	☐	0	RDZ01-E-37777		114	☐
RDZ02-N-37777		37	☐	6	RDZ02-E-37777		62	☐
RDZ03-N-37777		48	☐	12	RDZ03-E-37777		55	☐
RDZ04-N-37777		32	☐	18	RDZ04-E-37777		284	☐
RDZ05-N-37777		51	☐	24	RDZ05-E-37777	WALK		☐
RDZ06-N-37777		72	☐	30	RDZ06-E-37777	WALK		☐
RDZ07-N-37777		42	☐	36	RDZ07-E-37777	WALK		☐
RDZ08-N-37777	WALK		☐	42	RDZ08-E-37777	WALK		☐
RDZ09-N-37777	WALK		☐	48	RDZ09-E-37777		39	☐
RDZ10-N-37777	WALK		☐	54	RDZ10-E-37777		26	☐
RDZ11-N-37777	WALK		☐	60	RDZ11-E-37777		27	☐
RDZ12-N-37777		56	☐	66	RDZ12-E-37777		19	☐
RDZ13-N-37777		27	☐	72	RDZ13-E-37777		23	☐
RDZ14-N-37777		25	☐	78	RDZ14-E-37777		20	☐
RDZ15-N-37777		20	☐	84	RDZ15-E-37777		18	☐
RDZ16-N-37777		19	☐	90	RDZ16-E-37777		19	☐
RDZ17-N-37777		20	☑	96	RDZ17-E-37777		31	☐
RDZ18-N-37777		25	☐	102	RDZ18-E-37777		22	☐
RDZ19-N-37777		22	☐	108	RDZ19-E-37777		29	☐
RDZ20-N-37777		25	☐	114	RDZ20-E-37777		25	☐
RDZ21-N-37777		20	☐	120	RDZ21-E-37777		22	☑

# of Samples: _____ _____ _____ # of Samples: _____ _____ _____

37777

Sampled Address: 2439 HARTMAN AV

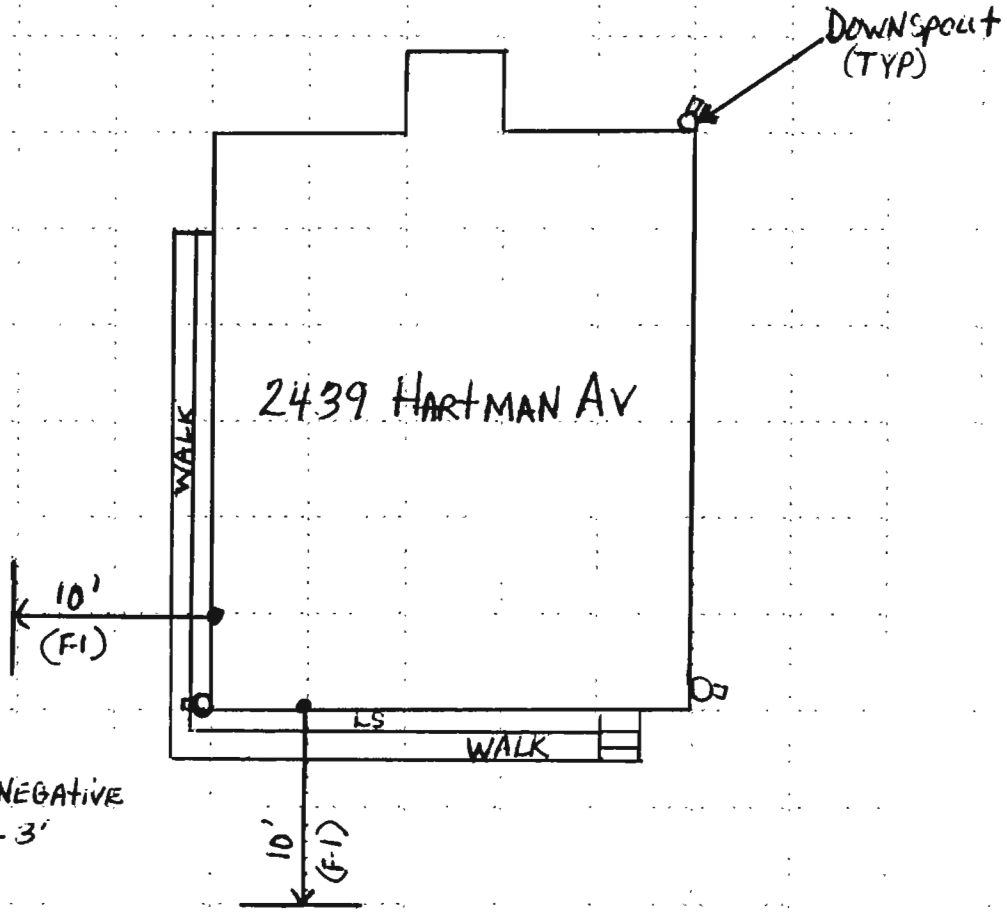
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow ↓

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. N-POSITIVE - E-NEGATIVE
B. 2 STORY 20'-3'
C. YES
D. PAINT
E. POOR
F. N-GRASS+WALK E-GRASS+WALK
G. NORTH-EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2006 LOW 51575

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·04·08 Time: PM	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-51575 416

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -51575		24	☐
RDZ02-E -51575		19	☐
RDZ03-E -51575		49	☐
RDZ04-E -51575		104	☑
RDZ05-E -51575		32	☐
RDZ06-E -51575		1744	☐
RDZ07-E -51575		132	☐
RDZ08-E -51575		459	☐
RDZ09-E -51575		467	☐
RDZ10-E -51575		178	☐
RDZ11-E -51575		308	☐
RDZ12-E -51575		97	☐
RDZ13-E -51575		147	☐
RDZ14-E -51575		97	☐
RDZ15-E -51575		196	☐
RDZ16-E -51575		64	☐
RDZ17-E -51575		56	☐
RDZ18-E -51575		157	☐
RDZ19-E -51575		105	☐
RDZ20-E-51575		87	☐
RDZ21-E -51575		367	☐

# of Samples: 21E

RYCSCPXA-51575 26

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -51575		46	☐
RDZ02-N -51575		48	☐
RDZ03-N -51575		57	☑
RDZ04-N -51575		35	☐
RDZ05-N -51575		37	☐
RDZ06-N -51575		47	☐
RDZ07-N -51575		55	☐
RDZ08-N -51575		93	☐
RDZ09-N -51575		65	☐
RDZ10-N -51575		59	☐
RDZ11-N -51575		45	☐
RDZ12-N -51575		43	☐
RDZ13-N -51575		34	☐
RDZ14-N -51575		53	☐
RDZ15-N -51575		83	☐
RDZ16-N -51575		63	☐
RDZ17-N -51575		46	☐
RDZ18-N -51575		166	☐
RDZ19-N -51575		114	☐
RDZ20-N-51575		107	☐
RDZ21-N -51575		77	☐

# of Samples: 21-N

Rev RS-1

51575

Sampled Address: 5010 CHICAGO ST

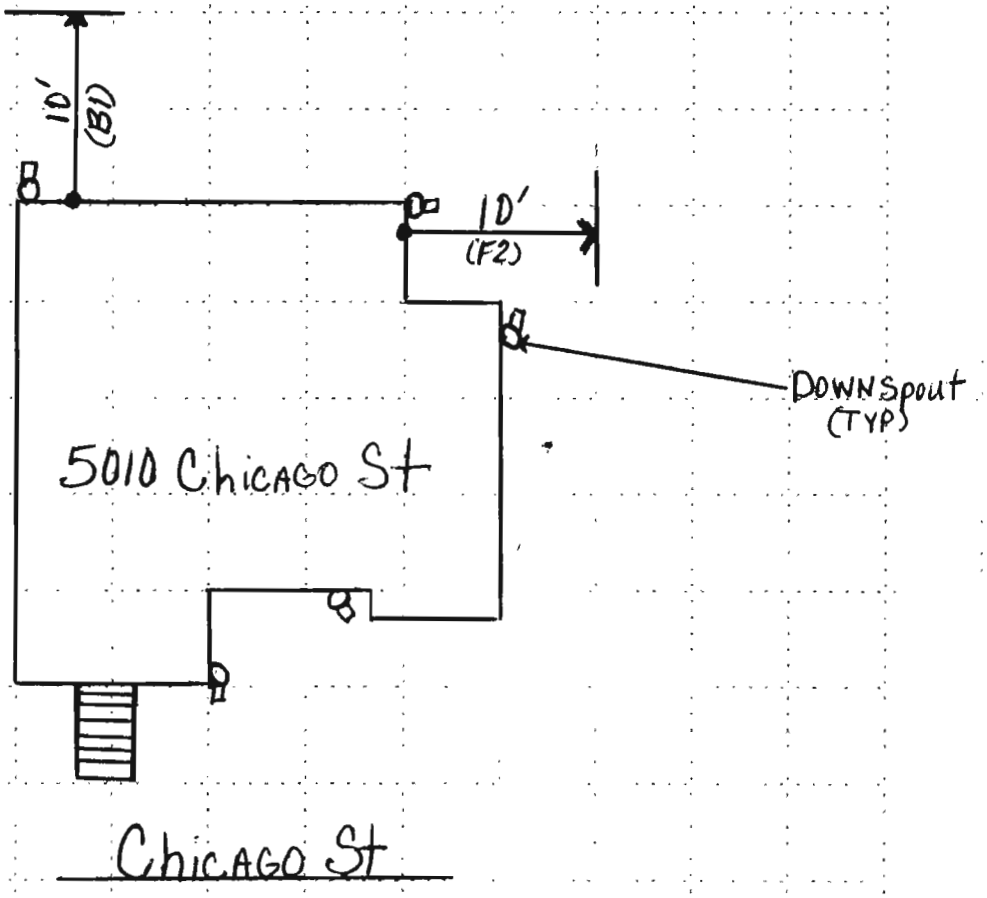
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 35-3'
C. YES
D. PAINT
E. Good
F. E-GRASS-N GRASS
G. EAST - North
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2006 MEDIUM 23974

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-04-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-23974: 27

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-23974		256	☐
RDZ02-W-23974		131	☐
RDZ03-W-23974		89	☑
RDZ04-W-23974		125	☐
RDZ05-W-23974		154	☐
RDZ06-W-23974		84	☐
RDZ07-W-23974		46	☐
RDZ08-W-23974		51	☐
RDZ09-W-23974		88	☐
RDZ10-W-23974	WALK		☐
RDZ11-W-23974	WALK		☐
RDZ12-W-23974	WALK		☐
RDZ13-W-23974	WALK		☐
RDZ14-W-23974	WALK		☐
RDZ15-W-23974	WALK		☐
RDZ16-W-23974		163	☐
RDZ17-W-23974		62	☐
RDZ18-W-23974		34	☐
RDZ19-W-23974		41	☐
RDZ20-W-23974		36	☐
RDZ21-W-23974		44	☐

# of Samples: _____

RYBSCPXA-23974: 23

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-23974		775	☐
RDZ02-S-23974		45	☐
RDZ03-S-23974		35	☐
RDZ04-S-23974		41	☐
RDZ05-S-23974		46	☐
RDZ06-S-23974		45	☐
RDZ07-S-23974		38	☐
RDZ08-S-23974		72	☑
RDZ09-S-23974		62	☐
RDZ10-S-23974		70	☐
RDZ11-S-23974		46	☐
RDZ12-S-23974		49	☐
RDZ13-S-23974		47	☐
RDZ14-S-23974		60	☐
RDZ15-S-23974		79	☐
RDZ16-S-23974		67	☐
RDZ17-S-23974		98	☐
RDZ18-S-23974		77	☐
RDZ19-S-23974		88	☐
RDZ20-S-23974		72	☐
RDZ21-S-23974		33	☐

# of Samples: _____

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

23974

Sampled Address: 523 N 40 ST

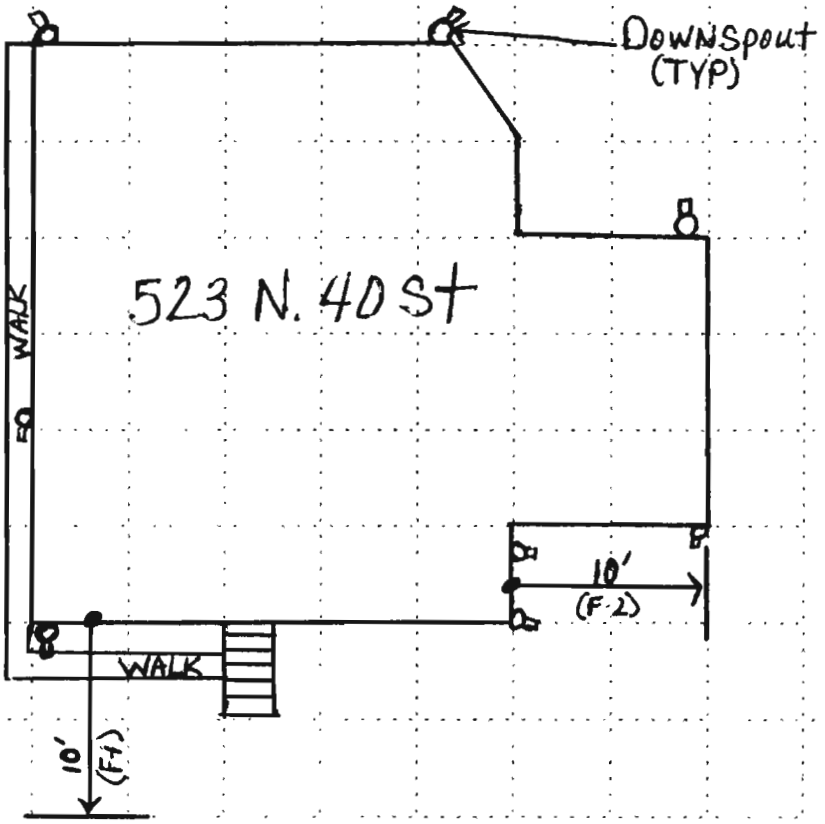
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 30'-3'
C. YES
D. PAINT
E. POOR
F. WEST - GRASS+WALK SOUTH - GRASS
G. WEST - South
H. YES
I. PAINT CHIPS AROUND FOUNDATION

2006 High

Omaha Lead Site **Drip Zone Recontamination Study** 200

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: C6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-28-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RDCSPCXA -200 : 20

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-E -200		2898	☐		RDZ01-S -200		4503	☐
				6				
RDZ02-E -200		613	☐		RDZ02-S -200		172	☑
				12				
RDZ03-E -200		556	☐		RDZ03-S -200	Rocks		☐
				18				
RDZ04-E -200		165	☐		RDZ04-S -200	Rocks		☐
				24				
RDZ05-E -200		37	☐		RDZ05-S -200	Rocks		☐
				30				
RDZ06-E -200		40	☐		RDZ06-S -200	Rocks		☐
				36				
RDZ07-E -200		33	☐		RDZ07-S -200		1032	☐
				42				
RDZ08-E -200		31	☐		RDZ08-S -200		975	☐
				48				
RDZ09-E -200		33	☐		RDZ09-S -200		166	☐
				54				
RDZ10-E -200		20	☐		RDZ10-S -200		34	☐
				60				
RDZ11-E -200		28	☐		RDZ11-S -200		19	☐
				66				
RDZ12-E -200		26	☐		RDZ12-S -200		23	☐
				72				
RDZ13-E -200		33	☐		RDZ13-S -200		25	☐
				78				
RDZ14-E -200		30	☐		RDZ14-S -200		29	☐
				84				
RDZ15-E -200	DRIVEWAY		☐		RDZ15-S -200		24	☐
				90				
RDZ16-E -200	DRIVEWAY		☐		RDZ16-S -200		28	☐
				96				
RDZ17-E -200	DRIVEWAY		☐		RDZ17-S -200		22	☐
				102				
RDZ18-E -200	DRIVEWAY		☐		RDZ18-S -200		21	☐
				108				
RDZ19-E -200	DRIVEWAY		☐		RDZ19-S -200		23	☐
RDZ 20-E -200	DRIVEWAY		☐	114	RDZ 20-S -200		23	☐
RDZ21-E -200	DRIVEWAY		☐		RDZ21-S -200		24	☐
				120				

# of Samples: _____ _____ _____

# of Samples: _____ _____ _____

Sampled Address: 1484 PINKNEY ST

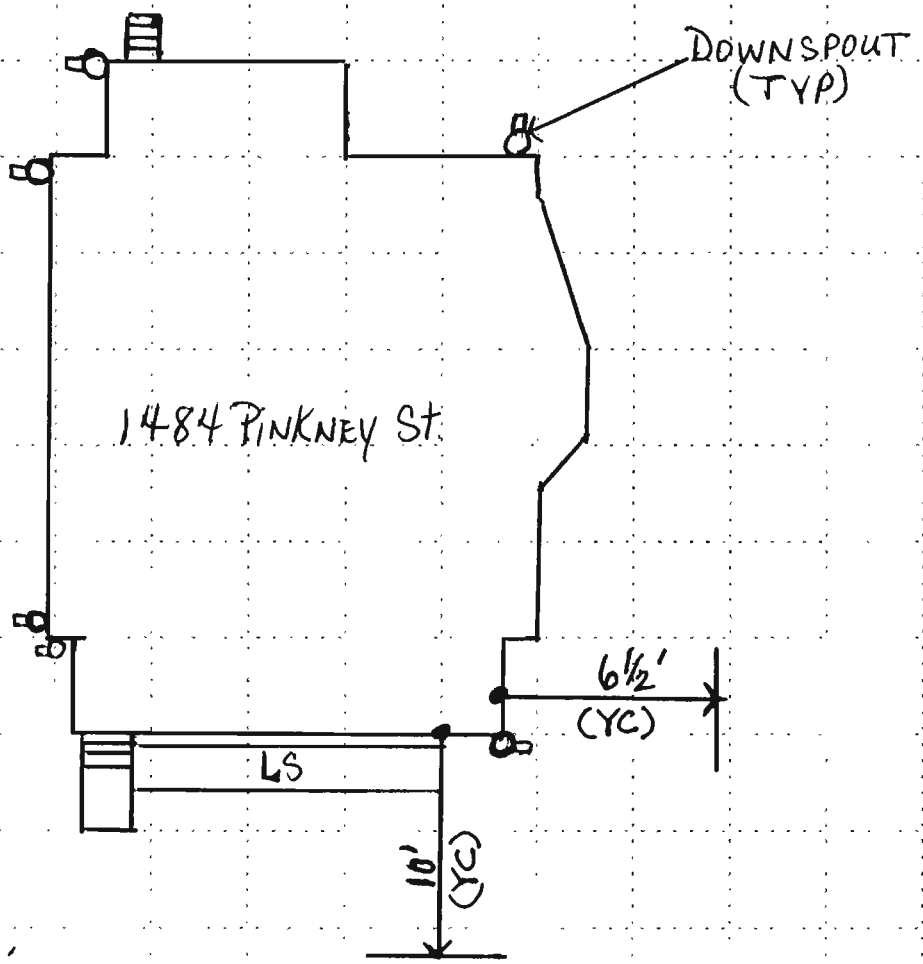
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. POSITIVE
B. 3 STORY 30' — 3'
C. YES
D. PAINT
E. POOR
F. E-GRASS SOUTH-GRASS
G. EAST - SOUTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

PINKNEY St

Omaha Lead Site **Drip Zone Recontamination Study** 2006 High 22219

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·02·08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	_____

RYBSCPXA-22219: 269

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S -22219		123	☐
RDZ02-S -22219		60	☐
RDZ03-S -22219		99	☐
RDZ04-S -22219		203	☐
RDZ05-S -22219		417	☐
RDZ06-S -22219	WALK		☐
RDZ07-S -22219	WALK		☐
RDZ08-S -22219	WALK		☐
RDZ09-S -22219	WALK		☐
RDZ10-S -22219		197	☐
RDZ11-S -22219		65	☐
RDZ12-S -22219		38	☐
RDZ13-S -22219		48	☐
RDZ14-S -22219		40	☐
RDZ15-S -22219		44	☐
RDZ16-S -22219		48	☐
RDZ17-S -22219		67	☐
RDZ18-S -22219		55	☐
RDZ19-S -22219		56	☑
RDZ20-S -22219		77	☐

# of Samples: ____ ____ ____

RYASCPXA-22219: 38

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W -22219		361	☐
RDZ02-W -22219		109	☐
RDZ03-W -22219		100	☐
RDZ04-W -22219		89	☐
RDZ05-W -22219	WALK		☐
RDZ06-W -22219	WALK		☐
RDZ07-W -22219	WALK		☐
RDZ08-W -22219	WALK		☐
RDZ09-W -22219		155	☐
RDZ10-W -22219		91	☐
RDZ11-W -22219		46	☐
RDZ12-W -22219		42	☐
RDZ13-W -22219		47	☐
RDZ14-W -22219		41	☐
RDZ15-W -22219		30	☐
RDZ16-W -22219		26	☐
RDZ17-W -22219		26	☐
RDZ18-W -22219		36	☐
RDZ19-W -22219		38	☐
RDZ20-W -22219		40	☑

# of Samples: ____ ____ ____

22219

Sampled Address: 3036 MARCY ST

Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☒ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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).
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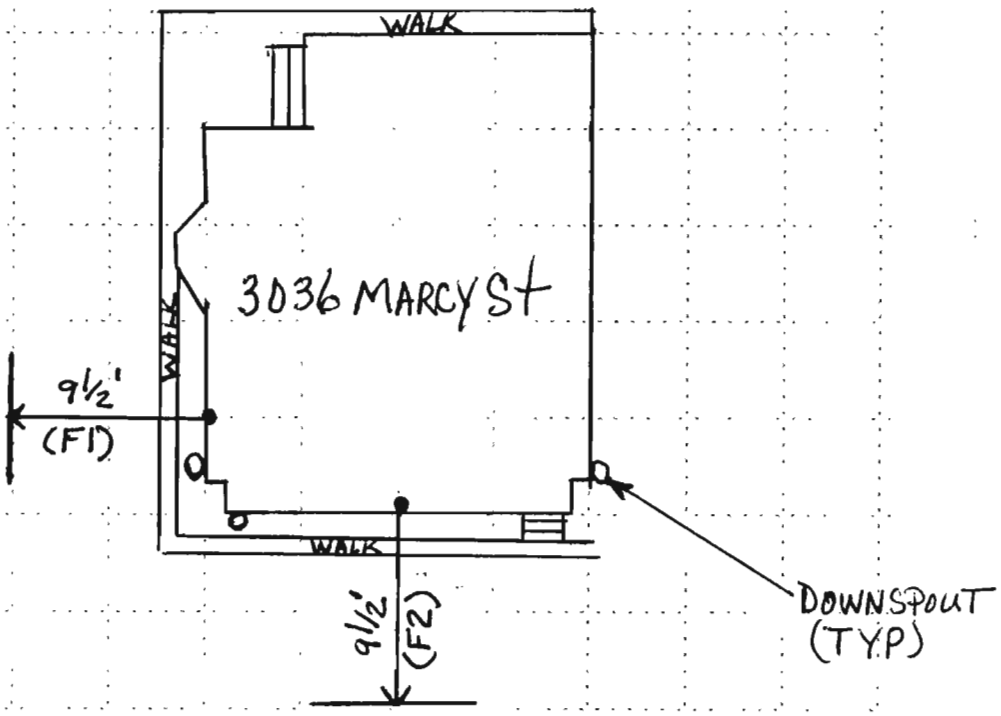
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 30'- 2'
C. YES
D. PAINT
E. POOR
F. S - GRASS W - GRASS
G. South - West
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2009 LOW 27081

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-04-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-27081: 46

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-N -27081		346	☐		RDZ01-E -27081		367	☐
				6				
RDZ02-N -27081		366	☑		RDZ02-E -27081		284	☐
				12				
RDZ03-N -27081		287	☐		RDZ03-E -27081		236	☐
				18				
RDZ04-N -27081		325	☐		RDZ04-E -27081		237	☐
				24				
RDZ05-N -27081		390	☐		RDZ05-E -27081		199	☐
				30				
RDZ06-N -27081		110	☐		RDZ06-E -27081		193	☐
				36				
RDZ07-N -27081		119	☐		RDZ07-E -27081		33	☐
				42				
RDZ08-N -27081		137	☐		RDZ08-E -27081		31	☐
				48				
RDZ09-N -27081		108	☐		RDZ09-E -27081		36	☐
				54				
RDZ10-N -27081		144	☐		RDZ10-E -27081		42	☐
				60				
RDZ11-N -27081		156	☐		RDZ11-E -27081		31	☐
				66				
RDZ12-N -27081		92	☐		RDZ12-E -27081		30	☐
				72				
RDZ13-N -27081		93	☐		RDZ13-E -27081		29	☐
				78				
RDZ14-N -27081		86	☐		RDZ14-E -27081		28	☐
				84				
RDZ15-N -27081		83	☐		RDZ15-E -27081		43	☐
				90				
RDZ16-N -27081		79	☐		RDZ16-E -27081		31	☐
				96				
RDZ17-N -27081		80	☐		RDZ17-E -27081		28	☐
				102				
RDZ18-N -27081		40	☐		RDZ18-E -27081		22	☐
				108				
RDZ19-N -27081		37	☐		RDZ19-E -27081		23	☑
RDZ20-N-27081		37	☑	114	RDZ20-E-27081		20	☐
RDZ21-N -27081		25	☐		RDZ21-E -27081		22	☐
				120				

# of Samples: ☐ ☐ ☐ # of Samples: ☐ ☐ ☐

27081

Sampled Address: 4303 PATRICK AV

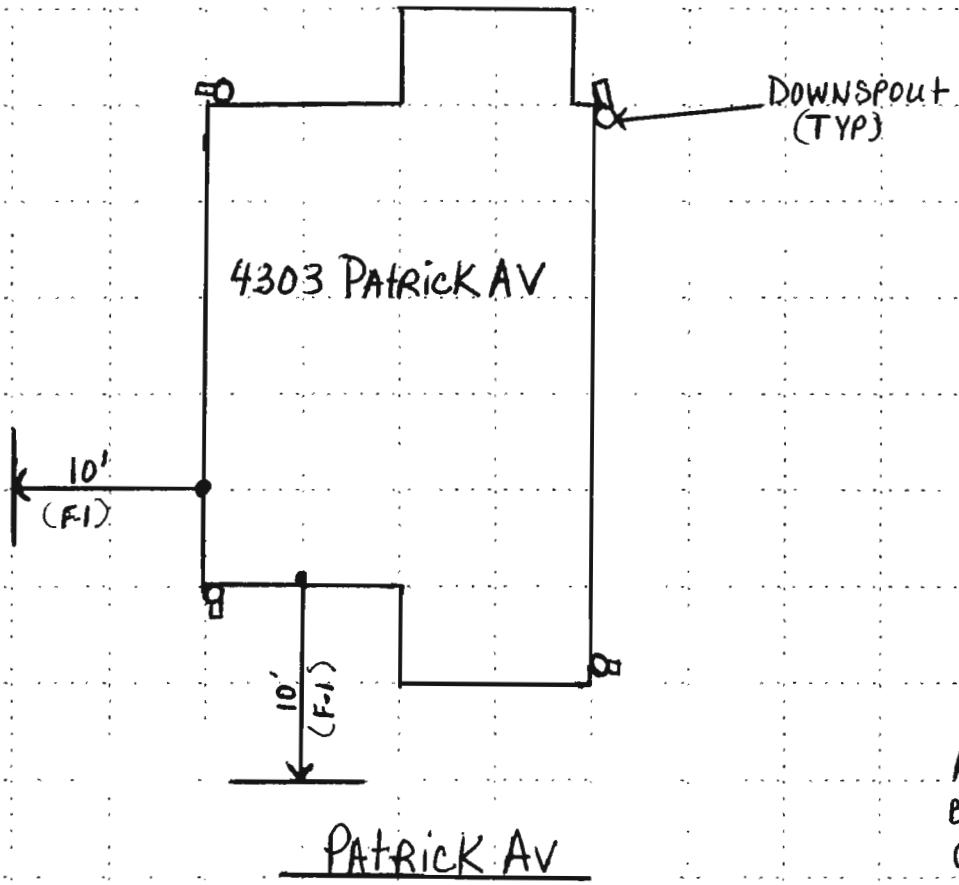
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 1 Story 12'—1'
C. YES
D. Paint
E. Poor
F. N-Grass - E-Grass
G. North - East
H. YES
I. Paint Chips Around Foundation

Omaha Lead Site **Drip Zone Recontamination Study** 48713

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8-21-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-48713: 108

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -48713	walk		☐
RDZ02-N -48713	walk		☐
RDZ03-N -48713	walk		☐
RDZ04-N -48713	walk		☐
RDZ05-N -48713		286	☐
RDZ06-N -48713		46	☐
RDZ07-N -48713		35	☐
RDZ08-N -48713		22	☐
RDZ09-N -48713		20	☐
RDZ10-N -48713		27	☐
RDZ11-N -48713		21	☐
RDZ12-N -48713		25	☐
RDZ13-N -48713		23	☐
RDZ14-N -48713		27	☐
RDZ15-N -48713		25	☐
RDZ16-N -48713		26	☐
RDZ17-N -48713		38	☑
RDZ18-N -48713		19	☐
RDZ19-N -48713		25	☐
RDZ20-N -48713		23	☐

# of Samples: [ ] [ ] [ ]

RYBSCPXA-48713: 19

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W -48713	WALK		☐
RDZ02-W -48713	walk		☐
RDZ03-W -48713	WALK		☐
RDZ04-W -48713	walk		☐
RDZ05-W -48713	walk		☐
RDZ06-W -48713	Walk		☐
RDZ07-W -48713		270	☐
RDZ08-W -48713		27	☐
RDZ09-W -48713		26	☐
RDZ10-W -48713		26	☐
RDZ11-W -48713		28	☐
RDZ12-W -48713		26	☐
RDZ13-W -48713		23	☐
RDZ14-W -48713		20	☐
RDZ15-W -48713		20	☐
RDZ16-W -48713		31	☐
RDZ17-W -48713		26	☐
RDZ18-W -48713		34	☐
RDZ19-W -48713		23	☐
RDZ20-W -48713		27	☐
RDZ21-W -48713		24	☐

# of Samples: [ ] [ ]

48713

Sampled Address: 2019 N ST

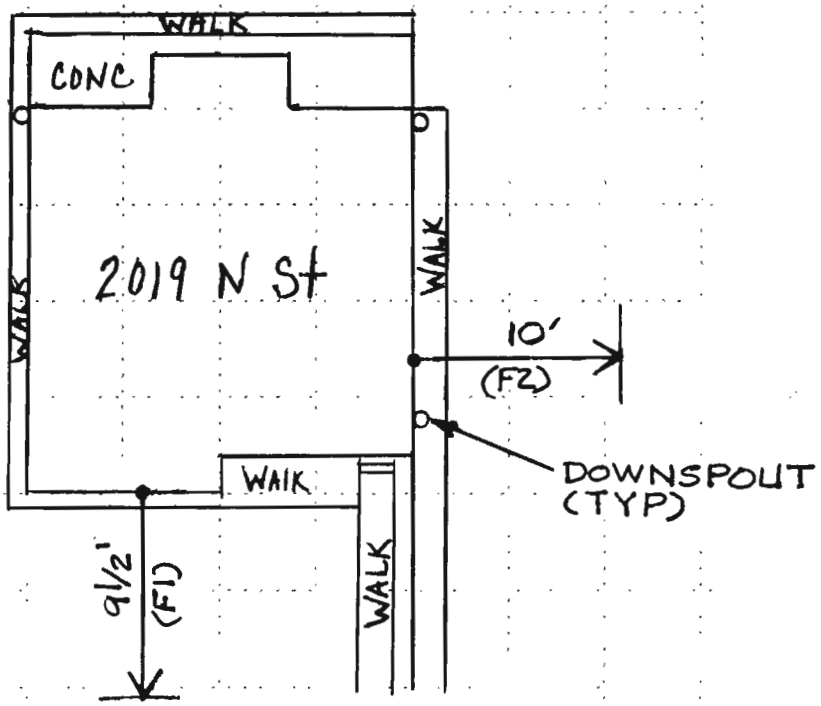
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☐ Poor
- ☐ Not paint

North Arrow ↓

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story - 20'-2'
C. YES
D. PAINT
E. Poor
F. N- GRASS - W- GRASS
G. North - West
H. YES
I. PAINT Chips IN DZ

N St

Omaha Lead Site **Drip Zone Recontamination Study** 2007 MEDIUM 18403

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-02-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	_____

RYASCPXA-18403: 25

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-18403		40	☐	0	RDZ01-S-18403		35	☐
RDZ02-E-18403		23	☐	6	RDZ02-S-18403		31	☐
RDZ03-E-18403		35	☐	12	RDZ03-S-18403		25	☐
RDZ04-E-18403		28	☐	18	RDZ04-S-18403		37	☐
RDZ05-E-18403		54	☐	24	RDZ05-S-18403		23	☐
RDZ06-E-18403		29	☐	30	RDZ06-S-18403		26	☐
RDZ07-E-18403		31	☐	36	RDZ07-S-18403		36	☐
RDZ08-E-18403		47	☐	42	RDZ08-S-18403		47	☐
RDZ09-E-18403		27	☐	48	RDZ09-S-18403		35	☐
RDZ10-E-18403		32	☐	54	RDZ10-S-18403		24	☐
RDZ11-E-18403		21	☐	60	RDZ11-S-18403		34	☐
RDZ12-E-18403		19	☐	66	RDZ12-S-18403		32	☐
RDZ13-E-18403		27	☐	72	RDZ13-S-18403		36	☐
RDZ14-E-18403		27	☐	78	RDZ14-S-18403		48	☐
RDZ15-E-18403		29	☐	84	RDZ15-S-18403		66	☑
RDZ16-E-18403		25	☑	90	RDZ16-S-18403		76	☐
RDZ17-E-18403		31	☐	96	RDZ17-S-18403		205	☐
RDZ18-E-18403		30	☐	102	RDZ18-S-18403		261	☐
RDZ19-E-18403		16	☐	108	RDZ19-S-18403		146	☐
RDZ20-E-18403		27	☐	114	RDZ20-S-18403		203	☐
RDZ21-E-18403		29	☐		RDZ21-S-18403		84	☐
				120				

# of Samples: ☐ ☐ ☐

# of Samples: ☐ ☐ ☐

18403

Sampled Address: 1956 S 15 ST

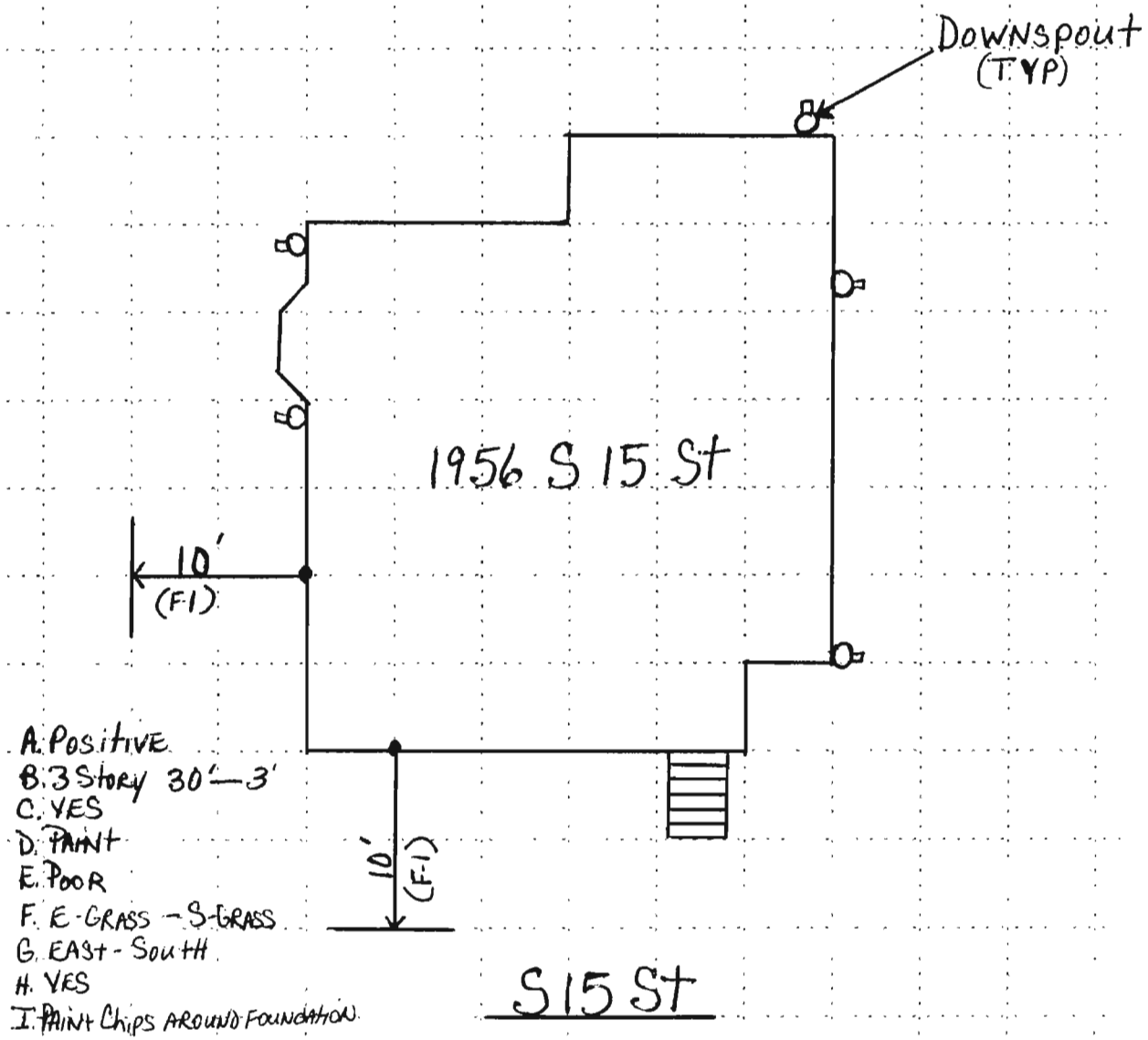
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 3 Story 30'—3'
C. YES
D. Paint
E. Poor
F. E-Grass - S-Grass
G. East - South
H. YES
I. Paint Chips around Foundation

07-M-4

Omaha Lead Site **Drip Zone Recontamination Study** 2007 MEDIUM 26945

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: G540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-2-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA 26945 20

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-26945		912	☐
RDZ02-S-26945		897	☐
RDZ03-S-26945		1467	☐
RDZ04-S-26945		859	☐
RDZ05-S-26945		934	☐
RDZ06-S-26945		899	☐
RDZ07-S-26945	WALK		☐
RDZ08-S-26945	WALK		☐
RDZ09-S-26945	WALK		☐
RDZ10-S-26945	WALK		☐
RDZ11-S-26945	WALK		☐
RDZ12-S-26945	WALK		☐
RDZ13-S-26945		17	☐
RDZ14-S-26945		21	☐
RDZ15-S-26945		15	☐
RDZ16-S-26945		20	☐
RDZ17-S-26945		26	☐
RDZ18-S-26945		22	☐
RDZ19-S-26945		23	☐
RDZ20-S-26945		17	☐
RDZ21-S-26945		17	☐

# of Samples: ☐ ☐ ☐

RYBSCPXA-26945 : 24

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-26945		52	☐
RDZ02-E-26945		21	☐
RDZ03-E-26945		20	☑
RDZ04-E-26945		22	☐
RDZ05-E-26945		19	☐
RDZ06-E-26945		17	☐
RDZ07-E-26945		16	☐
RDZ08-E-26945		19	☐
RDZ09-E-26945		16	☐
RDZ10-E-26945		19	☐
RDZ11-E-26945		20	☐
RDZ12-E-26945		20	☐
RDZ13-E-26945		18	☐
RDZ14-E-26945		20	☐
RDZ15-E-26945		17	☐
RDZ16-E-26945		23	☐
RDZ17-E-26945		19	☐
RDZ18-E-26945		19	☐
RDZ19-E-26945		20	☐
RDZ20-E-26945		14	☐
RDZ21-E-26945		20	☐

# of Samples: ☐ ☐ ☐

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

26945

Sampled Address: 4340 PARKER ST

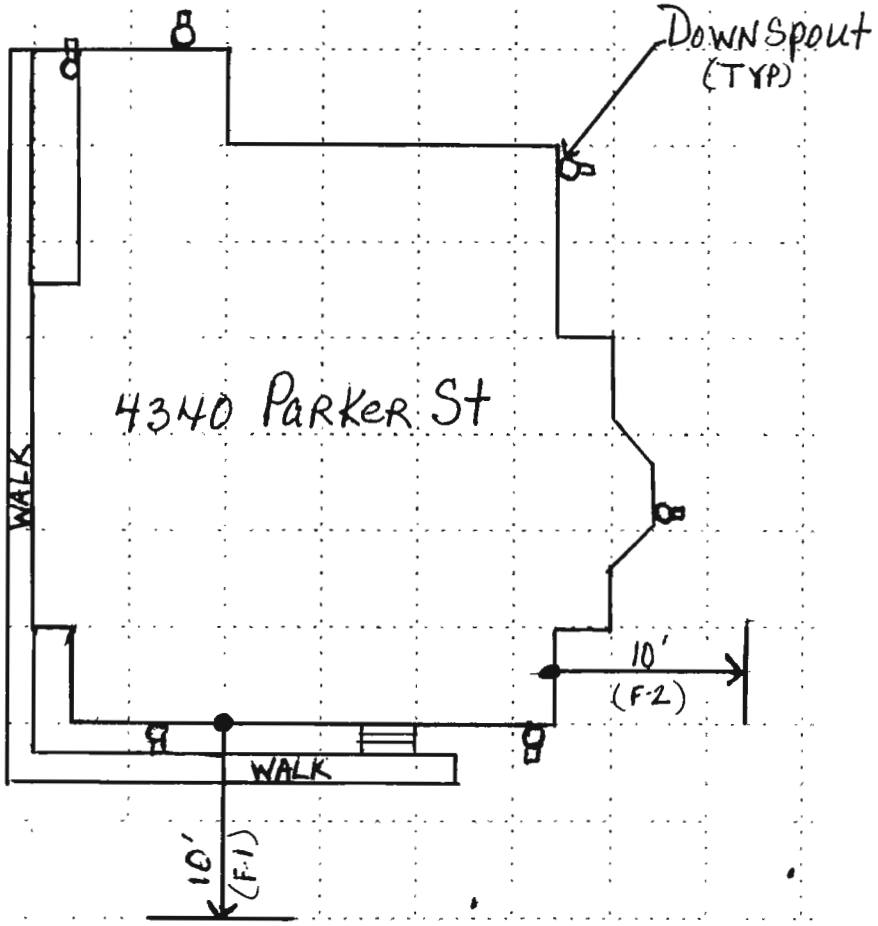
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. S - NEGATIVE - E - POSITIVE
B. 2 STORY 20' — 2'
C. YES
D. PAINT
E. POOR
F. SOUTH - GRASS + WALK - EAST - GRASS
G. SOUTH - EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2007 HIGH 1041

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·04·08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYCSCPXR · 1041 22

C	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
0	RDZ01-S-1041		31	☐
6	RDZ02-S-1041		24	☐
12	RDZ03-S-1041		20	☐
18	RDZ04-S-1041		35	☐
24	RDZ05-S-1041		22	☐
30	RDZ06-S-1041		23	☐
36	RDZ07-S-1041		35	☐
42	RDZ08-S-1041		24	☑
48	RDZ09-S-1041		26	☐
54	RDZ10-S-1041		20	☐
60	RDZ11-S-1041		24	☐
66	RDZ12-S-1041		28	☐
72	RDZ13-S-1041		24	☐
78	RDZ14-S-1041		24	☐
84	RDZ15-S-1041		26	☐
90	RDZ16-S-1041		24	☐
96	RDZ17-S-1041		20	☐
102	RDZ18-S-1041		20	☐
108	RDZ19-S-1041		24	☐
114	RDZ20-S-1041		25	☐
120	RDZ21-S-1041		21	☐

# of Samples: ☐ ☐ ☐

RYASCPXA · 1041 21

A	Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
0	RDZ01-N-1041		66	☐
6	RDZ02-N-1041		34	☐
12	RDZ03-N-1041		29	☐
18	RDZ04-N-1041		30	☐
24	RDZ05-N-1041		26	☐
30	RDZ06-N-1041		23	☐
36	RDZ07-N-1041		23	☑
42	RDZ08-N-1041		25	☐
48	RDZ09-N-1041		27	☐
54	RDZ10-N-1041		20	☐
60	RDZ11-N-1041		22	☐
66	RDZ12-N-1041		26	☐
72	RDZ13-N-1041		25	☐
78	RDZ14-N-1041		25	☐
84	RDZ15-N-1041		27	☐
90	RDZ16-N-1041		30	☐
96	RDZ17-N-1041		23	☐
102	RDZ18-N-1041		32	☐
108	RDZ19-N-1041		26	☐
114	RDZ20-N-1041		26	☐
120	RDZ21-N-1041		25	☐

# of Samples: ☐ ☐ ☐

1041

Sampled Address: 3560 JACKSON ST

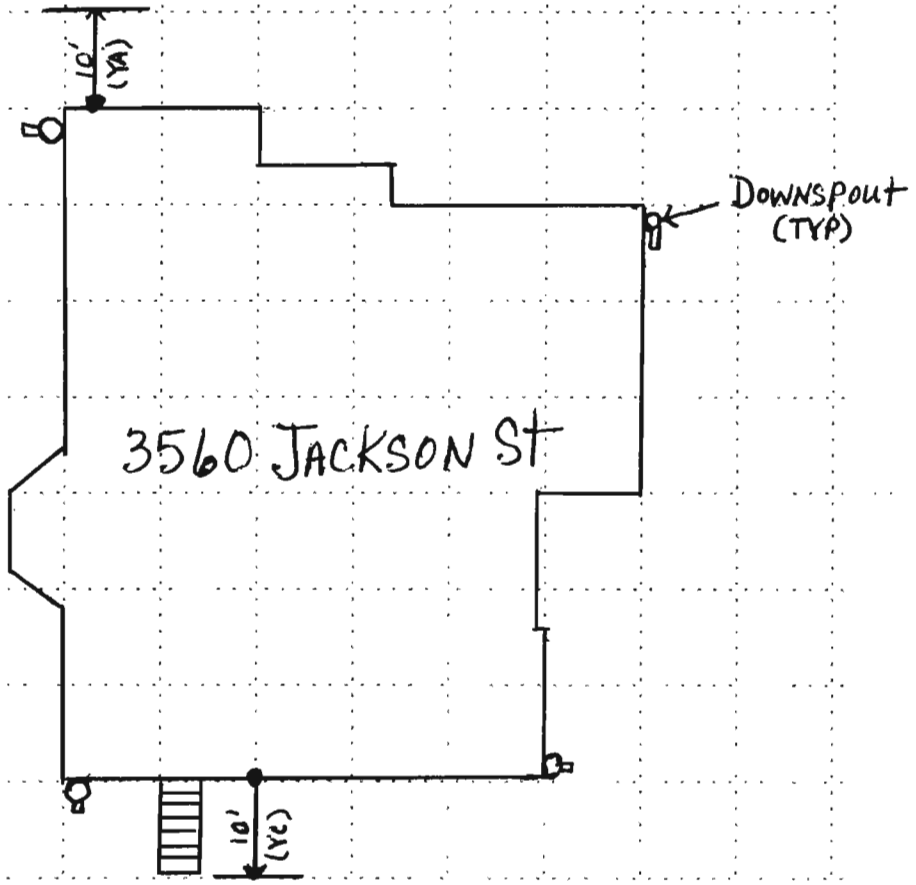
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. POSITIVE
B. 3 STORY 30' – 3'
C. YES
D. PAINT
E. POOR
F. SOUTH - GRASS - NORTH - GRASS
G. SOUTH – NORTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

2001 High

Omaha Lead Site **Drip Zone Recontamination Study** 1587

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 8·24·08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYCSCPXA-1587 : 24

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N-1587		29	☐
RDZ02-N-1587		41	☐
RDZ03-N-1587		32	☐
RDZ04-N-1587		26	☐
RDZ05-N-1587		20	☐
RDZ06-N-1587		23	☐
RDZ07-N-1587		24	☐
RDZ08-N-1587		27	☐
RDZ09-N-1587		22	☐
RDZ10-N-1587		36	☐
RDZ11-N-1587		22	☐
RDZ12-N-1587		29	☐
RDZ13-N-1587		19	☑
RDZ14-N-1587		21	☐
RDZ15-N-1587		24	☐
RDZ16-N-1587		24	☐
RDZ17-N-1587		26	☐
RDZ18-N-1587		20	☐
RDZ19-N-1587		25	☐
RDZ20-N-1587		18	☐

# of Samples: ☐ ☐ ☐

RYDSCPXA-1587: 198

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-1587		30	☐
RDZ02-S-1587		21	☐
RDZ03-S-1587		22	☐
RDZ04-S-1587		22	☐
RDZ05-S-1587		20	☐
RDZ06-S-1587		26	☐
RDZ07-S-1587		27	☐
RDZ08-S-1587		23	☐
RDZ09-S-1587		26	☐
RDZ10-S-1587		22	☐
RDZ11-S-1587		17	☐
RDZ12-S-1587		25	☐
RDZ13-S-1587		28	☑
RDZ14-S-1587		22	☐
RDZ15-S-1587		23	☐
RDZ16-S-1587		20	☐
RDZ17-S-1587		21	☐
RDZ18-S-1587		27	☐
RDZ19--1587			☐
RDZ20--1587			☐

# of Samples: ☐ ☐ ☐

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

1587

Sampled Address: 813 FRANCES ST

Phone:

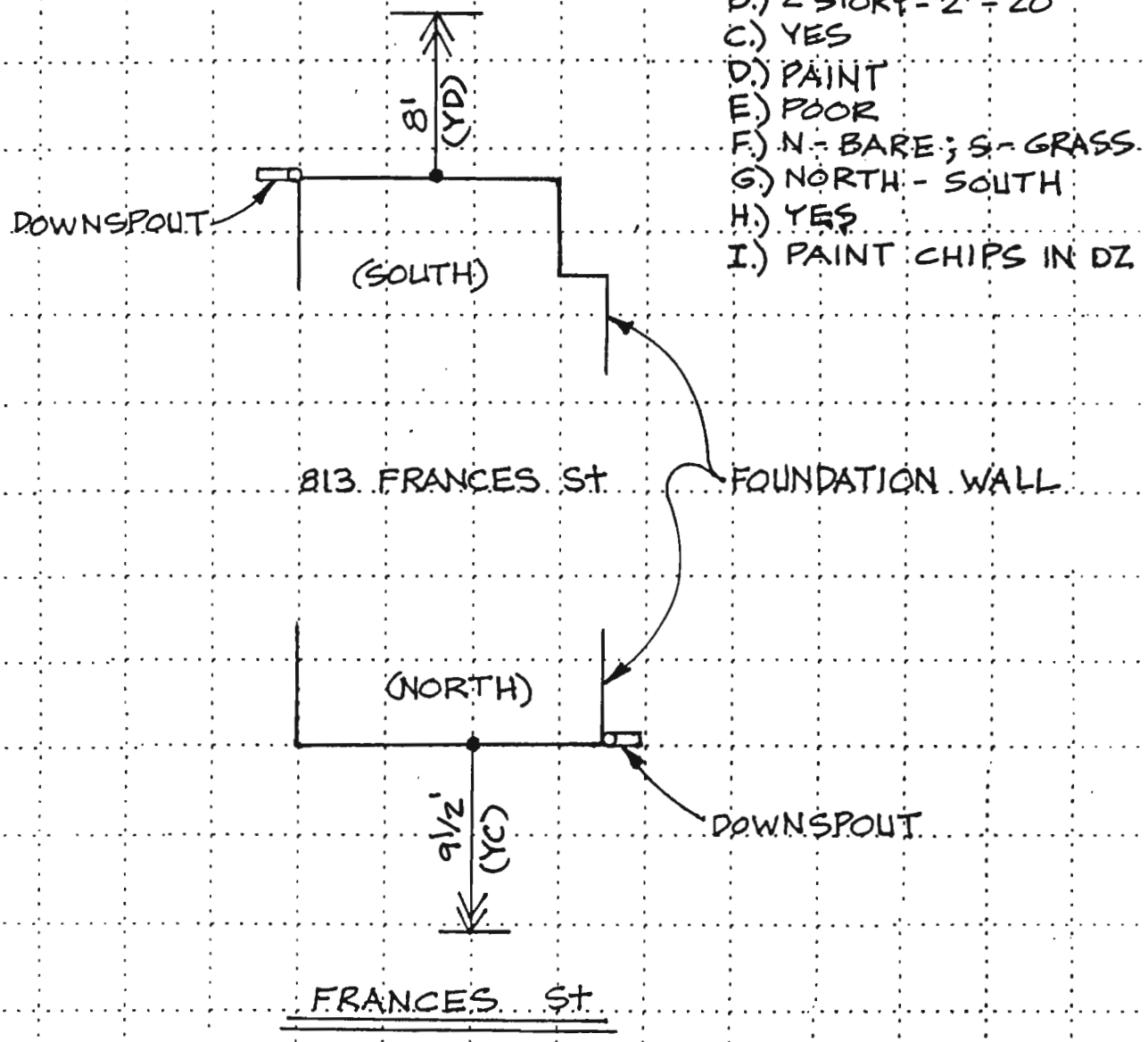
Omaha Lead Site
Site Sketch

Exterior Paint
- ☐ Good
- ☑ Poor
- ☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.

A.) POSITIVE
B.) 2 STORY - 2' + 20'
C.) YES
D.) PAINT
E.) POOR
F.) N - BARE; S - GRASS
G.) NORTH - SOUTH
H.) YES
I.) PAINT CHIPS IN DZ



Appendix C.2
Completed Field Sheets for Properties Sampled After Paint Stabilization

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 10271

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·08·08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXR · 10271 21

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S -10271		32	☐
RDZ02-S -10271		76	☐
RDZ03-S -10271		26	☐
RDZ04-S -10271		29	☐
RDZ05-S -10271		21	☐
RDZ06-S -10271		27	☐
RDZ07-S -10271		42	☐
RDZ08-S -10271		39	☐
RDZ09-S -10271		165	☐
RDZ10-S -10271	WALK		☐
RDZ11-S -10271	WALK		☐
RDZ12-S -10271	WALK		☐
RDZ13-S -10271	WALK		☐
RDZ14-S -10271		50	☐
RDZ15-S -10271		145	☐
RDZ16-S -10271		24	☐
RDZ17-S -10271		27	☑
RDZ18-S -10271		24	☐
RDZ19-S -10271		20	☐
RDZ20-S-10271		21	☐
RDZ21-S -10271		25	☐

RYCSCPXR · 10271 24

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -10271	Walk		☐
RDZ02-N -10271	Walk		☐
RDZ03-N -10271	Walk		☐
RDZ04-N -10271	Walk		☐
RDZ05-N -10271	Walk		☐
RDZ06-N -10271	Walk		☐
RDZ07-N -10271		34	☐
RDZ08-N -10271		32	☐
RDZ09-N -10271		28	☐
RDZ10-N -10271		29	☐
RDZ11-N -10271		28	☐
RDZ12-N -10271		21	☐
RDZ13-N -10271		23	☐
RDZ14-N -10271		21	☐
RDZ15-N -10271		21	☐
RDZ16-N -10271		26	☐
RDZ17-N -10271		19	☐
RDZ18-N -10271		27	☐
RDZ19-N -10271		24	☐
RDZ20-N-10271		28	☐
RDZ21-N -10271		28	☑

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

# of Samples: _____ _____ _____

# of Samples: _____ _____ _____

other

10271

Sampled Address: 1606 MISSOURI AV

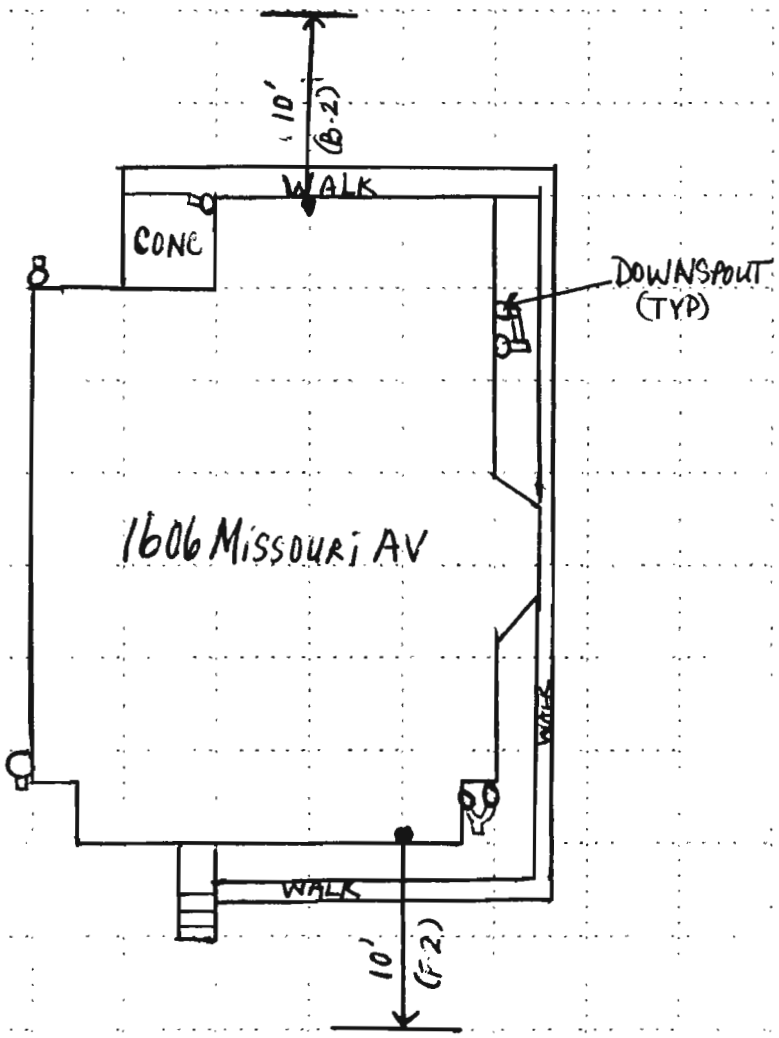
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F. South - GRASS + WALK - North - GRASS
G. South - North
H. YES
I. NONE

other

Omaha Lead Site **Drip Zone Recontamination Study** 2006 LOW 16811

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-08-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXR-16811 38

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-16811	WALK		☐
RDZ02-E-16811	WALK		☐
RDZ03-E-16811	WALK		☐
RDZ04-E-16811	WALK		☐
RDZ05-E-16811	WALK		☐
RDZ06-E-16811	WALK		☐
RDZ07-E-16811	Walk		☐
RDZ08-E-16811		45	☐
RDZ09-E-16811		41	☐
RDZ10-E-16811		29	☐
RDZ11-E-16811		29	☐
RDZ12-E-16811		25	☐
RDZ13-E-16811		28	☐
RDZ14-E-16811		90	☐
RDZ15-E-16811		32	☐
RDZ16-E-16811		28	☐
RDZ17-E-16811		28	☐
RDZ18-E-16811		30	☐
RDZ19-E-16811		28	☐
RDZ20-E-16811		25	☐
RDZ21-E-16811		22	☐

# of Samples:

RYCSCPXR-16811 28

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-16811	WALK		☐
RDZ02-W-16811	WALK		☐
RDZ03-W-16811	WALK		☐
RDZ04-W-16811	WALK		☐
RDZ05-W-16811		180	☐
RDZ06-W-16811		65	☑
RDZ07-W-16811		57	☐
RDZ08-W-16811		67	☐
RDZ09-W-16811		60	☐
RDZ10-W-16811		121	☐
RDZ11-W-16811		53	☐
RDZ12-W-16811		94	☐
RDZ13-W-16811		49	☐
RDZ14-W-16811		43	☐
RDZ15-W-16811		101	☐
RDZ16-W-16811		136	☐
RDZ17-W-16811		54	☐
RDZ18-W-16811		27	☐
RDZ19-W-16811		54	☐
RDZ20-W-16811		30	☐
RDZ21-W-16811		61	☐

# of Samples:

other

044701 01 23

16811

Sampled Address: 2440 S 19 ST

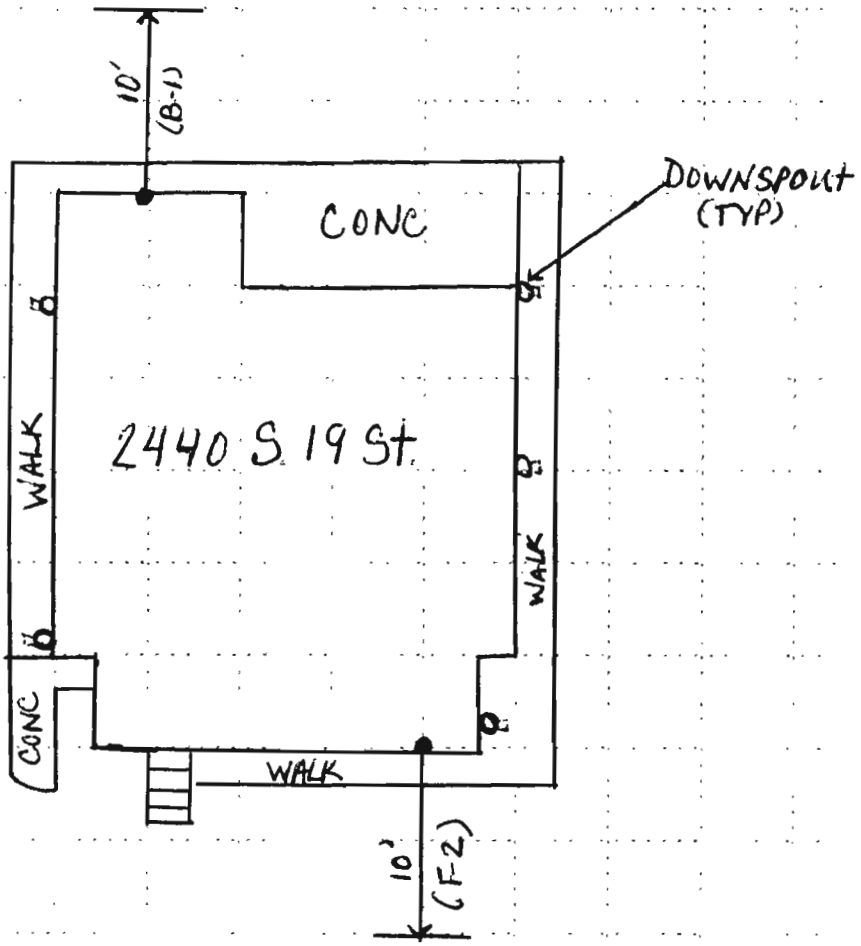
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F. EAST GRASS WEST - GRASS
G. EAST - WEST
H. YES
I. NONE

other

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 28447

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-11-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-28447 25

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-28447		22	☐
RDZ02-S-28447		43	☐
RDZ03-S-28447		48	☐
RDZ04-S-28447		54	☐
RDZ05-S-28447		54	☐
RDZ06-S-28447		72	☐
RDZ07-S-28447		71	☐
RDZ08-S-28447		104	☐
RDZ09-S-28447	WALK		☐
RDZ10-S-28447	WALK		☐
RDZ11-S-28447	WALK		☐
RDZ12-S-28447	WALK		☐
RDZ13-S-28447	Walk		☐
RDZ14-S-28447		336	☐
RDZ15-S-28447		78	☐
RDZ16-S-28447		47	☐
RDZ17-S-28447		46	☐
RDZ18-S-28447		29	☐
RDZ19-S-28447		51	☐
RDZ20-S-28447		29	☑

# of Samples: S-21 - 25

RYDSCPXA-28447 24

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N-28447		22	☐
RDZ02-N-28447		24	☐
RDZ03-N-28447		28	☐
RDZ04-N-28447		27	☐
RDZ05-N-28447		41	☐
RDZ06-N-28447		44	☐
RDZ07-N-28447		34	☐
RDZ08-N-28447		25	☐
RDZ09-N-28447		26	☐
RDZ10-N-28447		36	☐
RDZ11-N-28447		32	☐
RDZ12-N-28447		40	☐
RDZ13-N-28447		33	☐
RDZ14-N-28447		33	☐
RDZ15-N-28447		19	☐
RDZ16-N-28447		18	☐
RDZ17-N-28447		30	☐
RDZ18-N-28447		26	☐
RDZ19-N-28447		21	☑
RDZ20-N-28447		19	☐

# of Samples: N-21 - 28

28447

Sampled Address: 1616 WILLIS AV

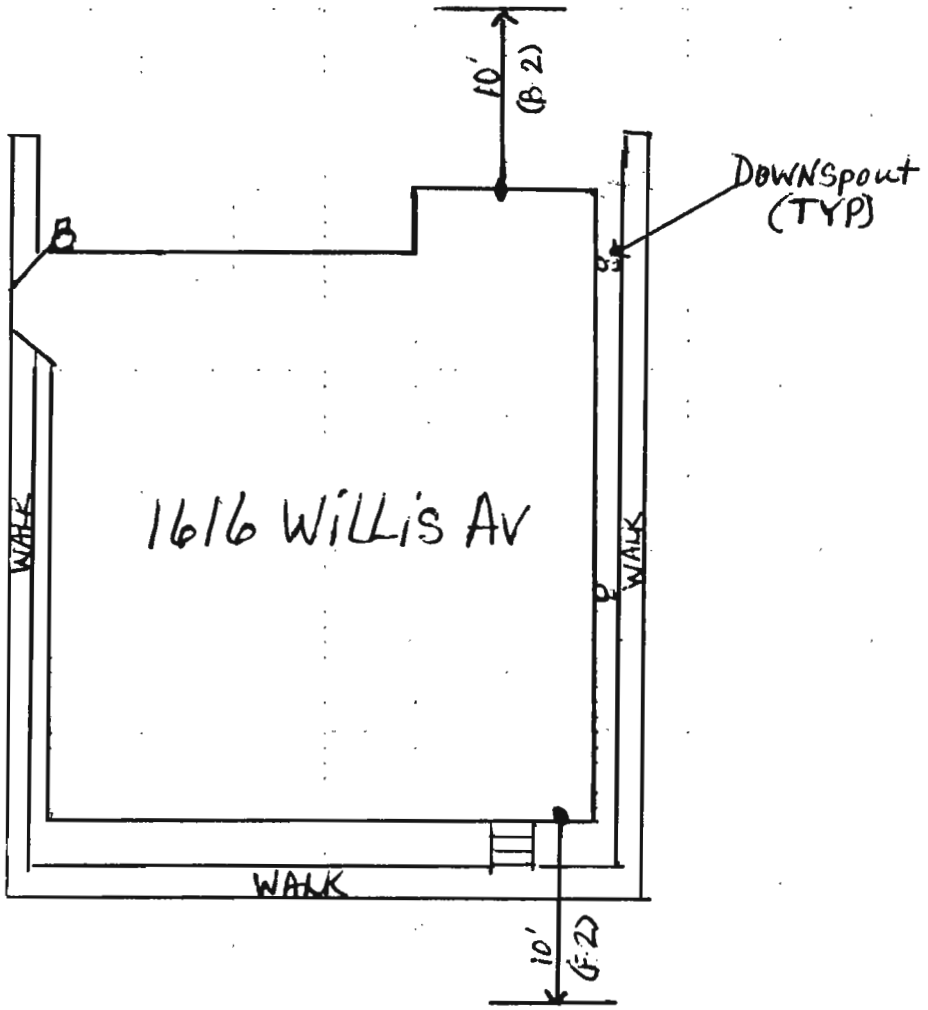
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A NEGATIVE
B 3 Story 30'-3'
C. YES
D PAINT
E. Good
F. South grass - WALK - North GRASS
G. South - North
H. YES
I PAINT Chips AROUND Foundation

Omaha Lead Site **Drip Zone Recontamination Study** 2004 LOW 29876

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: C6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-12-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYA5CPXA 29876 19

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -29876		2032	☐
RDZ02-E -29876		76	☐
RDZ03-E -29876		34	☐
RDZ04-E -29876		28	☐
RDZ05-E -29876		42	☐
RDZ06-E -29876		50	☐
RDZ07-E -29876		47	☐
RDZ08-E -29876		303	☐
RDZ09-E -29876	WALK		☐
RDZ10-E -29876	WALK		☐
RDZ11-E -29876	WALK		☐
RDZ12-E -29876		56	☐
RDZ13-E -29876		30	☐
RDZ14-E -29876		23	☐
RDZ15-E -29876		33	☐
RDZ16-E -29876		23	☐
RDZ17-E -29876		25	☐
RDZ18-E -29876		21	☐
RDZ19-E -29876		16	☑
RDZ20-E -29876		22	☐

# of Samples:

RYB5CPXA 29876 19

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -29876		298	☐
RDZ02-N -29876		114	☐
RDZ03-N -29876		100	☐
RDZ04-N -29876		36	☐
RDZ05-N -29876		38	☐
RDZ06-N -29876		26	☐
RDZ07-N -29876		42	☐
RDZ08-N -29876		727	☐
RDZ09-N -29876		36	☐
RDZ10-N -29876		25	☐
RDZ11-N -29876		26	☐
RDZ12-N -29876		24	☐
RDZ13-N -29876		25	☐
RDZ14-N -29876		26	☐
RDZ15-N -29876		21	☐
RDZ16-N -29876		29	☐
RDZ17-N -29876		14	☐
RDZ18-N -29876		18	☐
RDZ19-N -29876		18	☑
RDZ20-N -29876		20	☐

# of Samples:

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

S-01-La 044701 01 23

E 21 - 25

N 21 - 27

29876

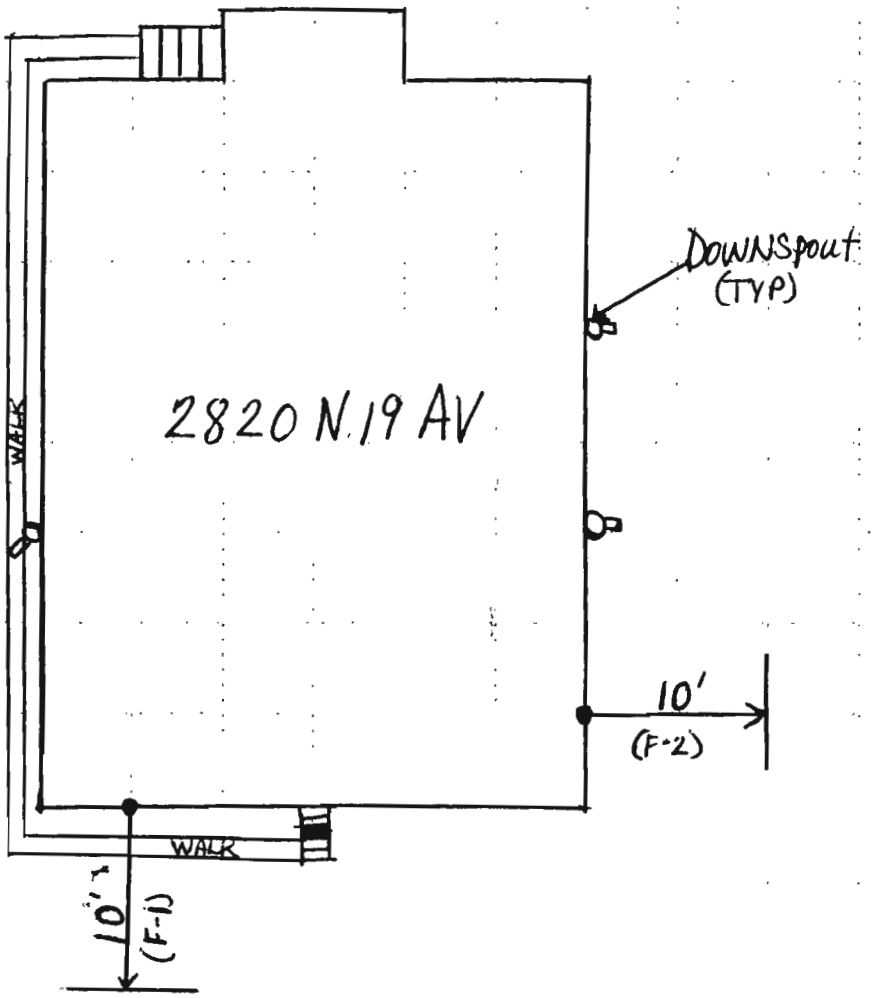
Sampled Address: 2820 N 19 AV
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow →

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 STORY 20'-2'
C. YES
D. PAINT
E. Good
F EAST grass+ WALK NORTH grass
G EAST - NORTH
H. YES
I. NONE

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 30049

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-12-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA 30049 31

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S -30049		860	☐
RDZ02-S -30049		176	☐
RDZ03-S -30049		76	☐
RDZ04-S -30049		92	☐
RDZ05-S -30049		39	☐
RDZ06-S -30049		25	☐
RDZ07-S -30049		29	☐
RDZ08-S -30049		43	☐
RDZ09-S -30049		33	☐
RDZ10-S -30049		23	☐
RDZ11-S -30049		26	☐
RDZ12-S -30049		42	☐
RDZ13-S -30049		23	☐
RDZ14-S -30049		29	☐
RDZ15-S -30049		24	☐
RDZ16-S -30049		26	☐
RDZ17-S -30049		35	☑
RDZ18-S -30049		27	☐
RDZ19-S -30049		26	☐
RDZ20-S -30049		24	☐

# of Samples: S-21 - 21

RYDSCPXA 30049 43

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -30049		71	☐
RDZ02-E -30049		56	☐
RDZ03-E -30049		117	☐
RDZ04-E -30049		58	☐
RDZ05-E -30049		147	☐
RDZ06-E -30049		101	☐
RDZ07-E -30049		82	☐
RDZ08-E -30049		104	☐
RDZ09-E -30049		47	☐
RDZ10-E -30049		33	☐
RDZ11-E -30049		51	☐
RDZ12-E -30049		38	☐
RDZ13-E -30049		33	☐
RDZ14-E -30049		36	☐
RDZ15-E -30049		32	☐
RDZ16-E -30049		33	☑
RDZ17-E -30049		37	☐
RDZ18-E -30049		22	☐
RDZ19-E -30049		34	☐
RDZ20-E -30049		34	☐

# of Samples: E-21 - 55

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

S-05-La 044701.01.23

30049

Sampled Address: 1810 LOCUST ST

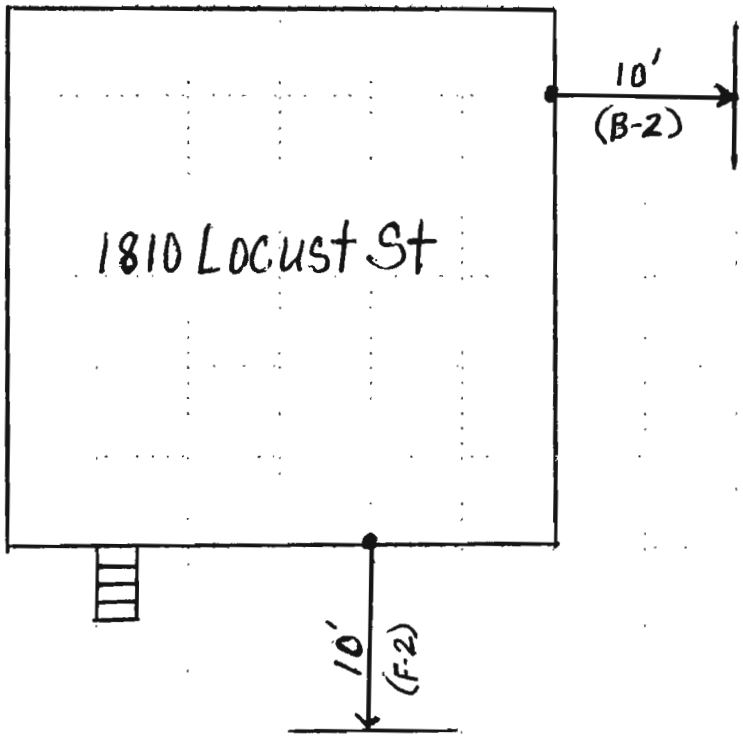
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 Story 20'-2'
C. NONE
D. PAINT
E. Good
F. GRASS- AND PAINT chips
G. South-EAST
H. YES
I. NO GUTTER OR downspouts AND PAINT Chips AROUND FOUNDATION

Locust St

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 33688

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-08-08 Time: PM	Samples: _____
Staff: _____	Staff: MSW	

RYFSCPXA33688 : 21

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-33688		900	☐
RDZ02-E-33688		118	☐
RDZ03-E-33688		16	☐
RDZ04-E-33688		22	☐
RDZ05-E-33688		470	☐
RDZ06-E-33688		487	☐
RDZ07-E-33688		397	☐
RDZ08-E-33688		786	☐
RDZ09-E-33688	WALK		☐
RDZ10-E-33688	WALK		☐
RDZ11-E-33688	WALK		☐
RDZ12-E-33688	WALK		☐
RDZ13-E-33688		216	☐
RDZ14-E-33688		63	☐
RDZ15-E-33688		38	☐
RDZ16-E-33688		35	☐
RDZ17-E-33688		27	☐
RDZ18-E-33688		34	☐
RDZ19-E-33688		36	☐
RDZ20-E-33688		30	☐
RDZ21-E-33688		32	☐

# of Samples:

RYDSCPXA-33688: 238

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N-33688		40	☐
RDZ02-N-33688		25	☑
RDZ03-N-33688		31	☐
RDZ04-N-33688		113	☐
RDZ05-N-33688		81	☐
RDZ06-N-33688		69	☐
RDZ07-N-33688		61	☐
RDZ08-N-33688		35	☐
RDZ09-N-33688		26	☐
RDZ10-N-33688		29	☐
RDZ11-N-33688		25	☐
RDZ12-N-33688		22	☐
RDZ13-N-33688		18	☐
RDZ14-N-33688		25	☐
RDZ15-N-33688		31	☐
RDZ16-N-33688		27	☐
RDZ17-N-33688		25	☐
RDZ18-N-33688		24	☐
RDZ19-N-33688		20	☑
RDZ20-N-33688		19	☐
RDZ21-N-33688		22	☐

# of Samples:

other

044701 01 23

33688

Sampled Address: 3930 N 19 ST

Phone:

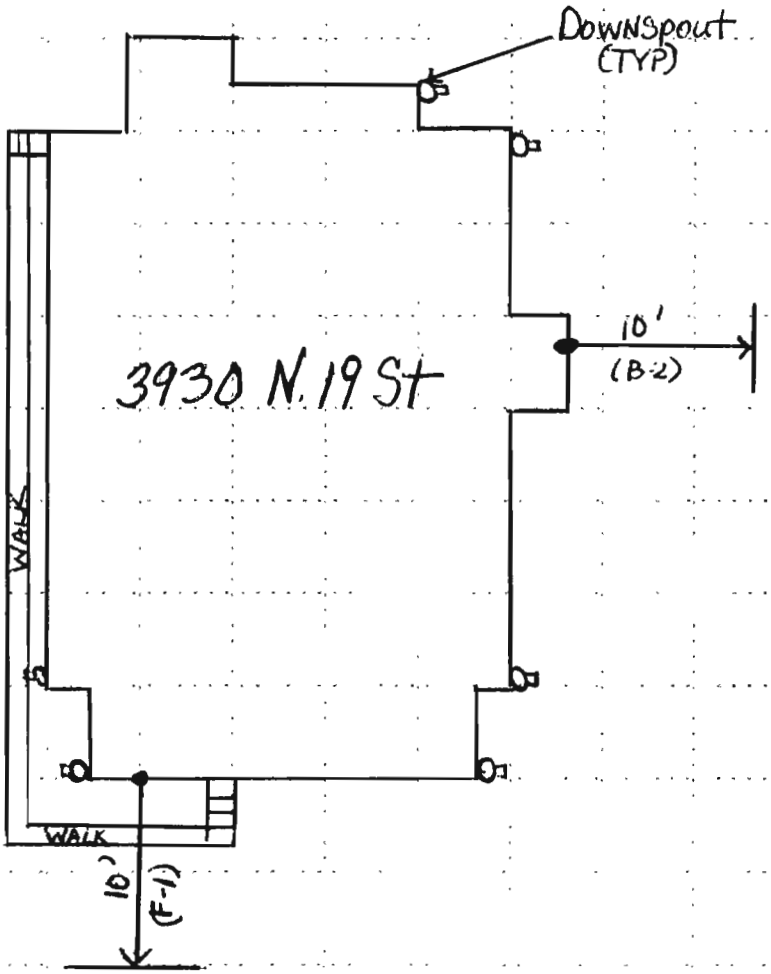
Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

2.22.0

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F. EAST - WALK + GRASS NORTH - GRASS
G. EAST - NORTH
H. YES
I. NONE

other

046141 0123

Omaha Lead Site **Drip Zone Recontamination Study** 2005 LOW 33941

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-11-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYDSCPXA-33941 35

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-33941		113	☐
RDZ02-W-33941		32	☐
RDZ03-W-33941		30	☐
RDZ04-W-33941		30	☐
RDZ05-W-33941		37	☐
RDZ06-W-33941		27	☐
RDZ07-W-33941		23	☐
RDZ08-W-33941		22	☐
RDZ09-W-33941		34	☐
RDZ10-W-33941		26	☐
RDZ11-W-33941		32	☐
RDZ12-W-33941		28	☐
RDZ13-W-33941		35	☐
RDZ14-W-33941		19	☐
RDZ15-W-33941		28	☐
RDZ16-W-33941		18	☐
RDZ17-W-33941		23	☐
RDZ18-W-33941		24	☑
RDZ19-W-33941		25	☐
RDZ20-W-33941		19	☐

# of Samples: 21-W - 16

RYDSCPXA-33941 22

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-33941		73	☐
RDZ02-E-33941		26	☐
RDZ03-E-33941		25	☐
RDZ04-E-33941		19	☐
RDZ05-E-33941		21	☐
RDZ06-E-33941		18	☐
RDZ07-E-33941		23	☐
RDZ08-E-33941		15	☐
RDZ09-E-33941		31	☐
RDZ10-E-33941		29	☐
RDZ11-E-33941		22	☐
RDZ12-E-33941		27	☐
RDZ13-E-33941		25	☐
RDZ14-E-33941		21	☐
RDZ15-E-33941		20	☐
RDZ16-E-33941		22	☑
RDZ17-E-33941		21	☐
RDZ18-E-33941		18	☐
RDZ19-E-33941		20	☐
RDZ20-E-33941		20	☐

# of Samples: 21-E - 27

S-05-La

33941

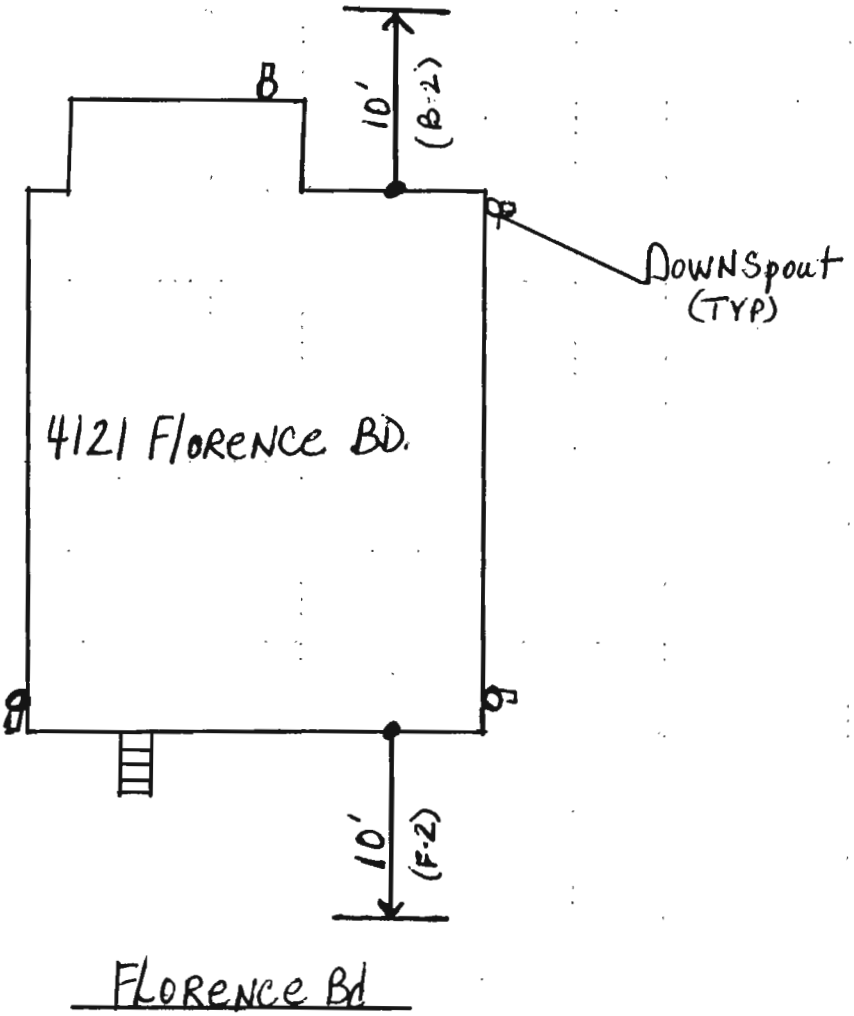
Sampled Address: 4121 FLORENCE BD
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
☑ Good
☐ Poor
☐ Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 STORY 20'-2'
C. YES
D. SIDING + PAINT
E. Good
F. GRASS
G. WEST-EAST
H. YES
I. NONE

Omaha Lead Site **Drip Zone Recontamination Study** 2006 LOW 34823

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·08·08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYCSCPXR-34823: 20

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-34823		285	☐
RDZ02-S-34823		48	☐
RDZ03-S-34823		34	☑
RDZ04-S-34823		33	☐
RDZ05-S-34823		33	☐
RDZ06-S-34823		54	☐
RDZ07-S-34823		28	☐
RDZ08-S-34823		22	☐
RDZ09-S-34823		28	☐
RDZ10-S-34823		27	☐
RDZ11-S-34823		25	☐
RDZ12-S-34823		25	☐
RDZ13-S-34823		26	☐
RDZ14-S-34823		24	☐
RDZ15-S-34823		27	☐
RDZ16-S-34823		15	☐
RDZ17-S-34823		19	☐
RDZ18-S-34823		22	☐
RDZ19-S-34823		20	☐
RDZ20-S-34823		21	☐
RDZ21-S-34823		23	☐

# of Samples: ____ ____ ____

RYOSCPXA-34823: 22

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-34823		95	☐
RDZ02-W-34823		111	☑
RDZ03-W-34823		181	☐
RDZ04-W-34823		71	☐
RDZ05-W-34823		83	☐
RDZ06-W-34823		92	☐
RDZ07-W-34823		46	☐
RDZ08-W-34823		43	☐
RDZ09-W-34823		53	☐
RDZ10-W-34823		29	☐
RDZ11-W-34823		29	☐
RDZ12-W-34823		40	☐
RDZ13-W-34823		23	☐
RDZ14-W-34823		28	☐
RDZ15-W-34823		30	☐
RDZ16-W-34823		20	☐
RDZ17-W-34823		27	☐
RDZ18-W-34823		27	☐
RDZ19-W-34823		29	☐
RDZ20-W-34823		23	☐
RDZ21-W-34823		23	☑

# of Samples: ____ ____ ____

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

other

34823

Sampled Address: 4616 N 29 ST

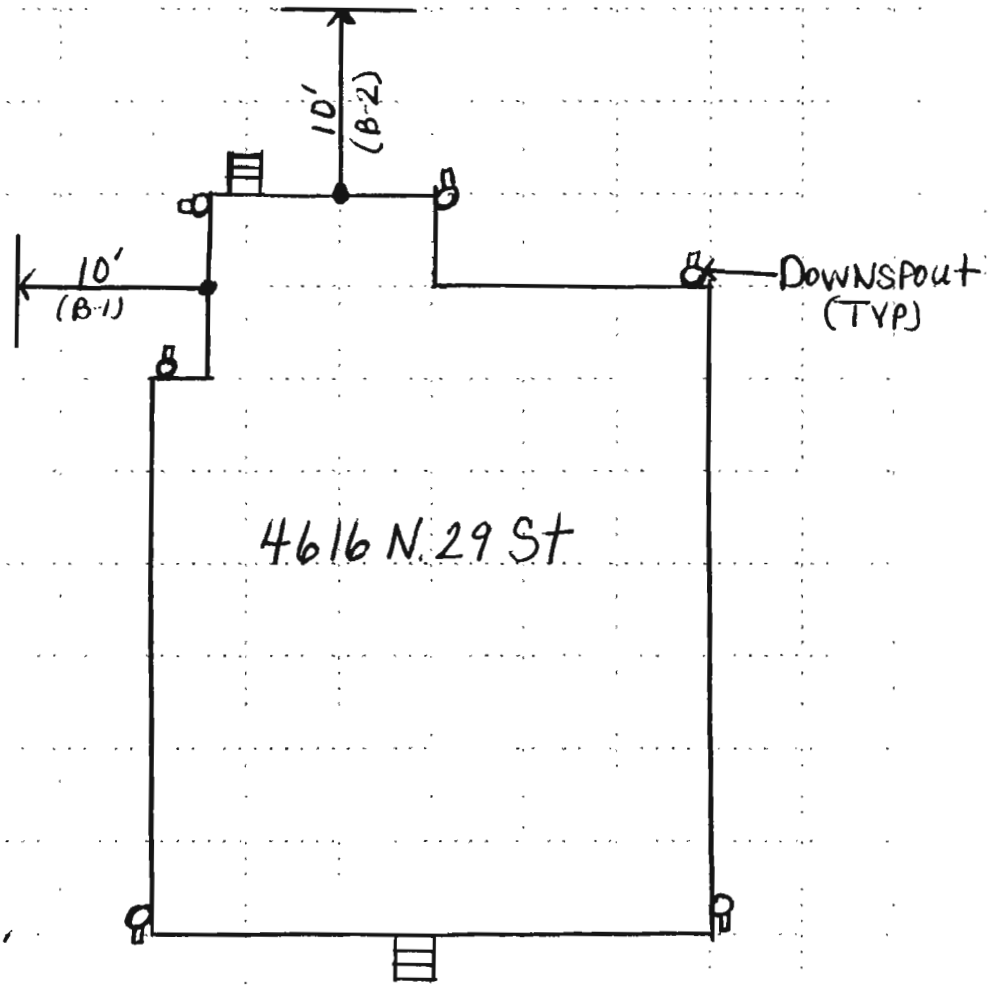
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 STORY 20'-2'
C. YES
D. PAINT
E. Good
F. South-GRASS - WEST GRASS
G. South-WEST
H. YES
I. PAINT chips AROUND FOUNDATION

other

Omaha Lead Site **Drip Zone Recontamination Study** 2004 MEDIUM 24467

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·18·08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA·24467 14

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -24467		113	☐
RDZ02-N -24467		79	☐
RDZ03-N -24467		55	☐
RDZ04-N -24467		39	☐
RDZ05-N -24467		54	☐
RDZ06-N -24467		34	☐
RDZ07-N -24467		41	☐
RDZ08-N -24467		30	☐
RDZ09-N -24467		34	☐
RDZ10-N -24467		23	☐
RDZ11-N -24467		18	☐
RDZ12-N -24467		26	☐
RDZ13-N -24467		28	☐
RDZ14-N -24467		29	☐
RDZ15-N -24467		22	☐
RDZ16-N -24467		28	☑
RDZ17-N -24467		47	☐
RDZ18-N -24467		20	☐
RDZ19-N -24467		29	☐
RDZ20-N-24467		17	☐
RDZ21-N -24467		23	☐
# of Samples:			

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -24467		50	☐
RDZ02-E -24467		28	☐
RDZ03-E -24467		26	☐
RDZ04-E -24467		39	☐
RDZ05-E -24467		25	☐
RDZ06-E -24467		26	☐
RDZ07-E -24467		24	☐
RDZ08-E -24467		19	☐
RDZ09-E -24467		22	☐
RDZ10-E -24467		23	☐
RDZ11-E -24467		21	☐
RDZ12-E -24467		36	☐
RDZ13-E -24467		35	☐
RDZ14-E -24467		22	☐
RDZ15-E -24467		21	☑
RDZ16-E -24467		16	☐
RDZ17-E -24467		27	☐
RDZ18-E -24467		24	☐
RDZ19-E -24467		25	☐
RDZ20-E-24467		22	☐
RDZ21-E -24467		19	☐
# of Samples:			

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

extra2

044701 01 23

24467

Sampled Address: 3411 BURT ST

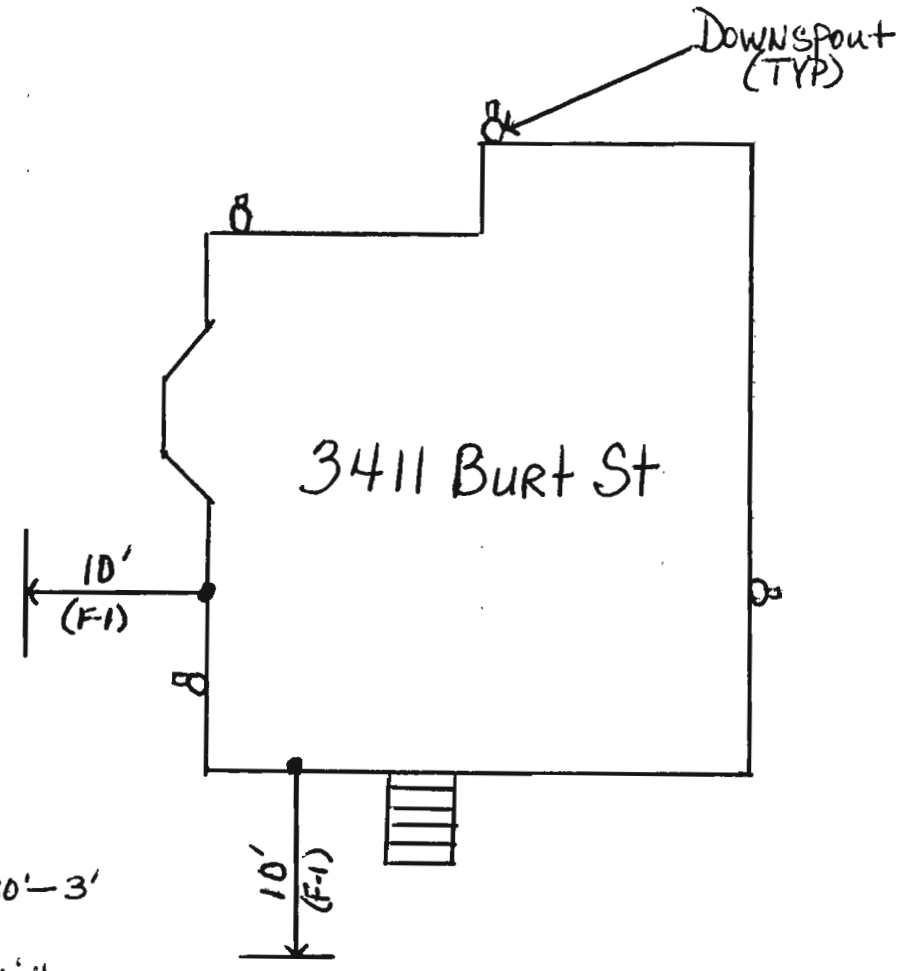
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. POSITIVE
B. 3 STORY 30'-3'
C. YES
D. SIDING + PAINT
E. GOOD
F. GRASS
G. NORTH - EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2006 MEDIUM 27348

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-22-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA-27348 54

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W -27348		87	☐
RDZ02-W -27348		19	☐
RDZ03-W -27348		25	☐
RDZ04-W -27348		26	☐
RDZ05-W -27348		19	☐
RDZ06-W -27348		23	☐
RDZ07-W -27348		28	☐
RDZ08-W -27348		185	☐
RDZ09-W -27348		524	☐
RDZ10-W -27348		763	☐
RDZ11-W -27348		689	☐
RDZ12-W -27348		245	☐
RDZ13-W -27348		407	☐
RDZ14-W -27348		60	☑
RDZ15-W -27348		55	☐
RDZ16-W -27348		32	☐
RDZ17-W -27348		22	☐
RDZ18-W -27348		28	☐
RDZ19-W -27348		32	☐
RDZ20-W-27348		31	☐
RDZ21-W-27348		29	☐

# of Samples: _____ _____ _____

RYDSCPXA-27348 15

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -27348		39	☐
RDZ02-E -27348		31	☐
RDZ03-E -27348		27	☐
RDZ04-E -27348		23	☐
RDZ05-E -27348		34	☐
RDZ06-E -27348		159	☐
RDZ07-E -27348		102	☐
RDZ08-E -27348		69	☐
RDZ09-E -27348		142	☐
RDZ10-E -27348		152	☐
RDZ11-E -27348		264	☐
RDZ12-E -27348		130	☐
RDZ13-E -27348		126	☑
RDZ14-E -27348		129	☐
RDZ15-E -27348		68	☐
RDZ16-E -27348		87	☐
RDZ17-E -27348		46	☐
RDZ18-E -27348		64	☐
RDZ19-E -27348		56	☐
RDZ20-E-2734		55	☐
RDZ21-E -27348		52	☐

# of Samples: _____ _____ _____

27348

Sampled Address: 2021 N 20 ST

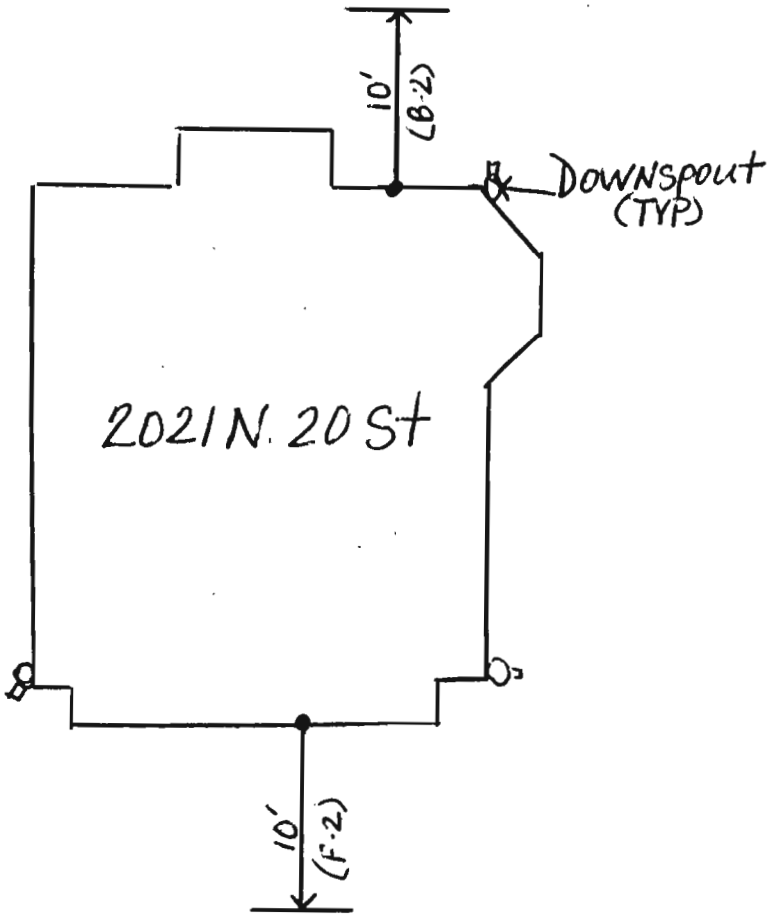
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 STORY 20'- 2'
C. YES
D. PAINT
E. GOOD
F. GRASS
G. WEST - EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 MEDIUM 29669

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-22-08 Time: Pm	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA·29669 417

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-29669		103	☐
RDZ02-S-29669		56	☐
RDZ03-S-29669		77	☐
RDZ04-S-29669		45	☐
RDZ05-S-29669		47	☐
RDZ06-S-29669		252	☐
RDZ07-S-29669	WALK		☐
RDZ08-S-29669	WALK		☐
RDZ09-S-29669	WALK		☐
RDZ10-S-29669		67	☐
RDZ11-S-29669		30	☐
RDZ12-S-29669		19	☐
RDZ13-S-29669		19	☑
RDZ14-S-29669		25	☐
RDZ15-S-29669		30	☐
RDZ16-S-29669		24	☐
RDZ17-S-29669		26	☐
RDZ18-S-29669		128	☐
RDZ19-S-29669		184	☐
RDZ20-S-29669		120	☐
RDZ21-S-29669		101	☐

# of Samples: ☐ ☐ ☐

RYBSCPXA·29669 102

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-29669		50	☐
RDZ02-E-29669		45	☐
RDZ03-E-29669		69	☐
RDZ04-E-29669		151	☐
RDZ05-E-29669		22	☐
RDZ06-E-29669		29	☐
RDZ07-E-29669		22	☐
RDZ08-E-29669		30	☐
RDZ09-E-29669		33	☐
RDZ10-E-29669		23	☐
RDZ11-E-29669		30	☐
RDZ12-E-29669		26	☑
RDZ13-E-29669		38	☐
RDZ14-E-29669		25	☐
RDZ15-E-29669		52	☐
RDZ16-E-29669		18	☐
RDZ17-E-29669		26	☐
RDZ18-E-29669		28	☐
RDZ19-E-29669		38	☐
RDZ20-E-29669		31	☐
RDZ21-E-29669		28	☐

# of Samples: ☐ ☐ ☐

29669

Sampled Address: 4276 BINNEY ST

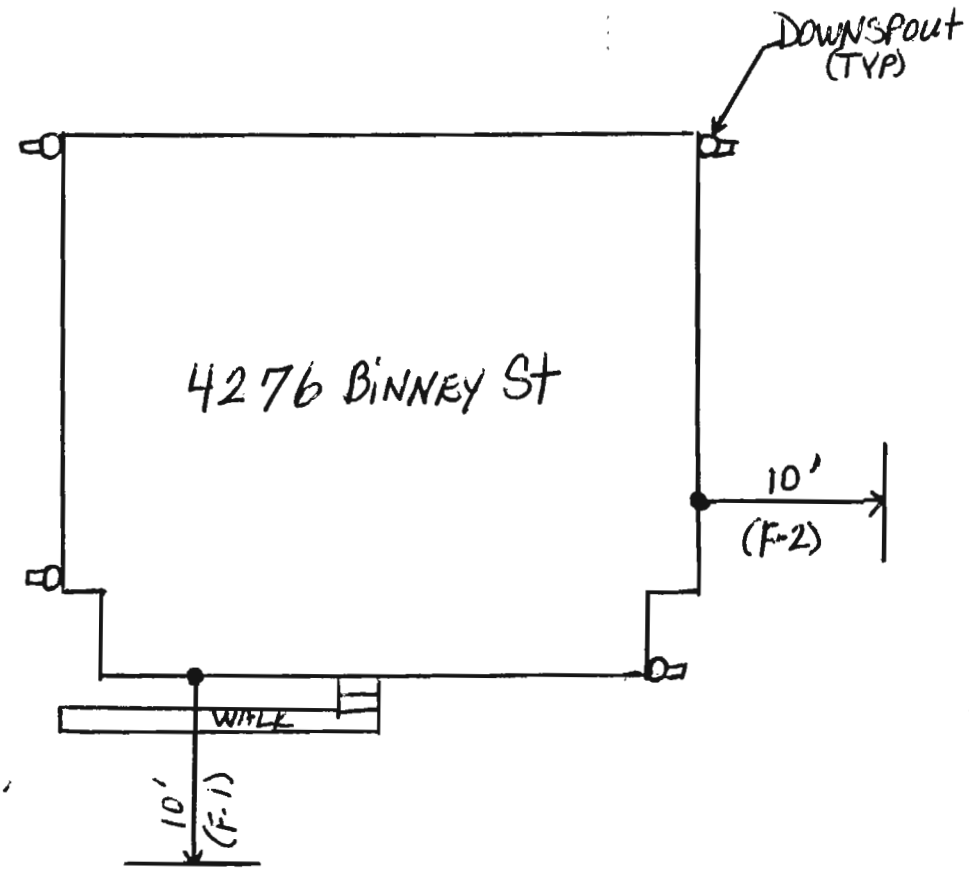
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A Positive
B. 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F. GRASS
G. South-East
H. YES
I PAINT Chips AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2006 MEDIUM 30055

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 218	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-04-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	_____

RYCSCPXR 30055: 30

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
				0				
RDZ01-N-30055		80	☐		RDZ01-W-30055		43	☐
				6				
RDZ02-N-30055		65	☐		RDZ02-W-30055		55	☐
				12				
RDZ03-N-30055		61	☐		RDZ03-W-30055		40	☐
				18				
RDZ04-N-30055		29	☐		RDZ04-W-30055		25	☐
				24				
RDZ05-N-30055		35	☐		RDZ05-W-30055		26	☑
				30				
RDZ06-N-30055		30	☑		RDZ06-W-30055		26	☐
				36				
RDZ07-N-30055		29	☐		RDZ07-W-30055		38	☐
				42				
RDZ08-N-30055		31	☐		RDZ08-W-30055		38	☐
				48				
RDZ09-N-30055		33	☐		RDZ09-W-30055		37	☐
				54				
RDZ10-N-30055		28	☐		RDZ10-W-30055		26	☐
				60				
RDZ11-N-30055		29	☐		RDZ11-W-30055		35	☐
				66				
RDZ12-N-30055		32	☐		RDZ12-W-30055		34	☐
				72				
RDZ13-N-30055		26	☐		RDZ13-W-30055		24	☐
				78				
RDZ14-N-30055		24	☐		RDZ14-W-30055		49	☐
				84				
RDZ15-N-30055		22	☐		RDZ15-W-30055		179	☐
				90				
RDZ16-N-30055		23	☐		RDZ16-W-30055		267	☐
				96				
RDZ17-N-30055		38	☐		RDZ17- -30055			☐
				102				
RDZ18-N-30055		29	☐		RDZ18- -30055			☐
				108				
RDZ19-N-30055		29	☐		RDZ19- -30055			☐
RDZ20-N-30055		22	☐	114				
RDZ21-N-30055		23	☐		RDZ20- -30055			☐
				120				
# of Samples:					# of Samples:			

other

30055

Sampled Address: 4102 WIRT ST

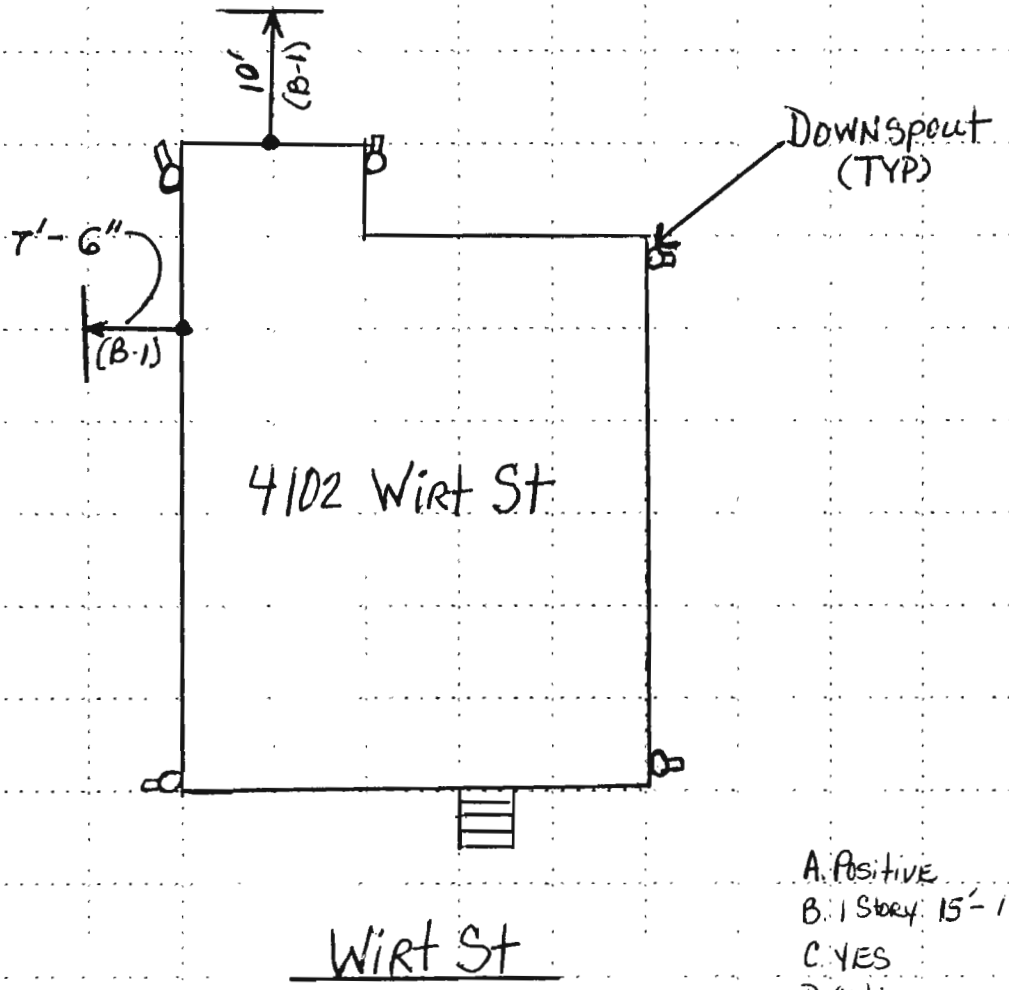
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 1 Story 15'-1'
C. YES
D. Siding
E. Good
F. N-GRASS - W-GRASS
G. North-West
H. YES
I. NONE

Omaha Lead Site **Drip Zone Recontamination Study** 2004 MEDIUM 31060

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-17-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA:31060 49

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-31060	WALK		☐
RDZ02-E-31060	WALK		☐
RDZ03-E-31060	WALK		☐
RDZ04-E-31060	WALK		☐
RDZ05-E-31060	WALK		☐
RDZ06-E-31060	WALK		☐
RDZ07-E-31060	WALK		☐
RDZ08-E-31060	WALK		☐
RDZ09-E-31060		1445	☐
RDZ10-E-31060		386	☐
RDZ11-E-31060		46	☐
RDZ12-E-31060		46	☐
RDZ13-E-31060		38	☐
RDZ14-E-31060		35	☐
RDZ15-E-31060		28	☐
RDZ16-E-31060		30	☐
RDZ17-E-31060		37	☐
RDZ18-E-31060		32	☐
RDZ19-E-31060		24	☐
RDZ20-E-31060		25	☐

# of Samples: E-21 25

RYDSCPXA:31060 19

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-31060		195	☐
RDZ02-S-31060		78	☐
RDZ03-S-31060		59	☑
RDZ04-S-31060		74	☐
RDZ05-S-31060		41	☐
RDZ06-S-31060		38	☐
RDZ07-S-31060		54	☐
RDZ08-S-31060		36	☐
RDZ09-S-31060		35	☐
RDZ10-S-31060		35	☐
RDZ11-S-31060		31	☐
RDZ12-S-31060		37	☐
RDZ13-S-31060		34	☐
RDZ14-S-31060		33	☐
RDZ15-S-31060		39	☐
RDZ16-S-31060		40	☐
RDZ17-S-31060		29	☐
RDZ18-S-31060		24	☐
RDZ19-S-31060		35	☐
RDZ20-S-31060		27	☐

# of Samples: S-21 22

31060

Sampled Address: 3027 EMMET ST

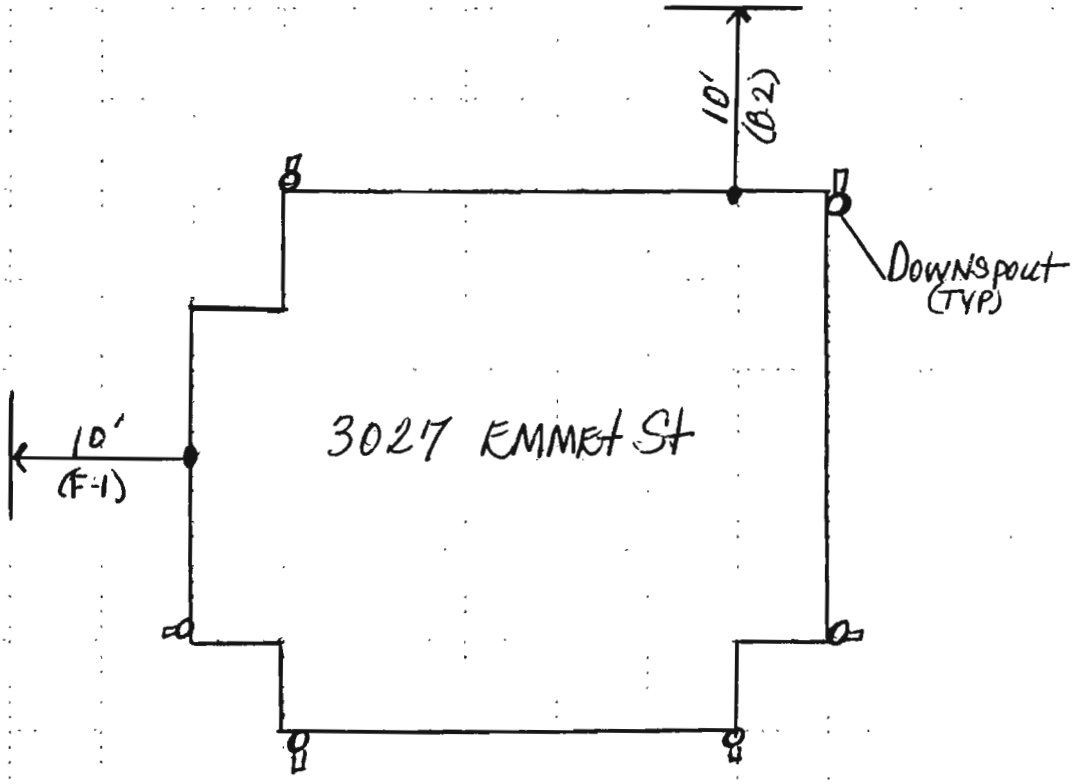
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. positive
B. 1 Story 10'—1'
C. YES
D. PAINT
E. Good
F. GRASS - WALK
G. EAST - South
H. YES
I. PAINT Chips AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 MEDIUM 33212

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-17-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYDSCPXA-33212 1172

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-33212		259	☐
RDZ02-S-33212		131	☐
RDZ03-S-33212		161	☐
RDZ04-S-33212		95	☐
RDZ05-S-33212		113	☐
RDZ06-S-33212		477	☐
RDZ07-S-33212		329	☐
RDZ08-S-33212		62	☑
RDZ09-S-33212		80	☐
RDZ10-S-33212		44	☐
RDZ11-S-33212		35	☐
RDZ12-S-33212		33	☐
RDZ13-S-33212		39	☐
RDZ14-S-33212		48	☐
RDZ15-S-33212		45	☐
RDZ16-S-33212		48	☐
RDZ17-S-33212		38	☐
RDZ18--33212		—	☐
RDZ19--33212		—	☐
RDZ20--33212		—	☐

# of Samples:

RYDSCPXA-33212 1060

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-33212		307	☐
RDZ02-E-33212		78	☐
RDZ03-E-33212		81	☐
RDZ04-E-33212		142	☐
RDZ05-E-33212		96	☐
RDZ06-E-33212		214	☐
RDZ07-E-33212		148	☐
RDZ08-E-33212		51	☐
RDZ09-E-33212		97	☐
RDZ10-E-33212		118	☐
RDZ11-E-33212		96	☐
RDZ12-E-33212		81	☐
RDZ13-E-33212		163	☐
RDZ14-E-33212		59	☐
RDZ15-E-33212		268	☐
RDZ16-E-33212		49	☐
RDZ17-E-33212		51	☐
RDZ18-E-33212		123	☐
RDZ19-E-33212		100	☑
RDZ20-E-33212		151	☐
RDZ21-E-33212		78	☐

# of Samples:

33212

Sampled Address: 3911 N 25 ST

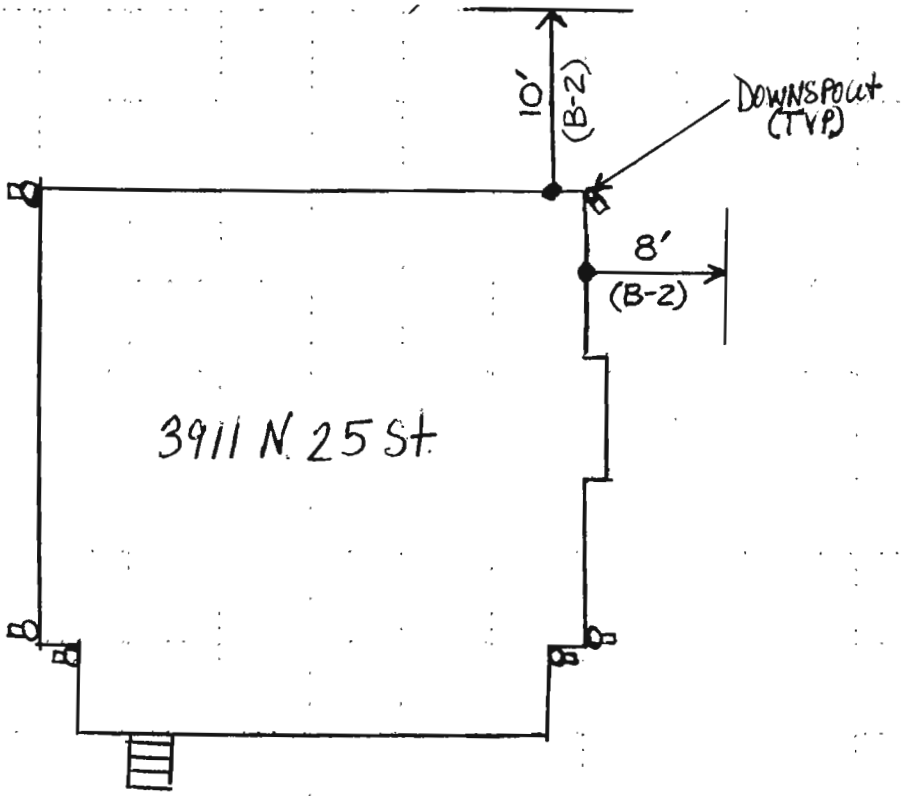
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 2 STORY 20' – 2'
C. YES
D. PAINT
E. GOOD
F. GRASS
G. WEST - EAST - SOUTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

N 25 St

Omaha Lead Site **Drip Zone Recontamination Study** 2005 MEDIUM 40663

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-18-08 Time: AM	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-40663 19

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-40663		119	☐	0	RDZ01-S-40663	LS		☐
RDZ02-E-40663		1057	☐	6	RDZ02-S-40663	LS		☐
RDZ03-E-40663		1810	☐	12	RDZ03-S-40663	LS		☐
RDZ04-E-40663		332	☐	18	RDZ04-S-40663	LS		☐
RDZ05-E-40663		17	☐	24	RDZ05-S-40663	LS		☐
RDZ06-E-40663		24	☐	30	RDZ06-S-40663		26	☐
RDZ07-E-40663		29	☐	36	RDZ07-S-40663		20	☐
RDZ08-E-40663		50	☐	42	RDZ08-S-40663		17	☐
RDZ09-E-40663		221	☐	48	RDZ09-S-40663		45	☐
RDZ10-E-40663		179	☑	54	RDZ10-S-40663		15	☐
RDZ11-E-40663		130	☐	60	RDZ11-S-40663		19	☐
RDZ12-E-40663		73	☐	66	RDZ12-S-40663		20	☐
RDZ13-E-40663		52	☐	72	RDZ13-S-40663		18	☐
RDZ14-E-40663		188	☐	78	RDZ14-S-40663		19	☐
RDZ15-E-40663		205	☐	84	RDZ15-S-40663		19	☐
RDZ16-E-40663		155	☐	90	RDZ16-S-40663		20	☐
RDZ17-E-40663		189	☐	96	RDZ17-S-40663		28	☐
RDZ18-E-40663		166	☐	102	RDZ18-S-40663		21	☐
RDZ19-E-40663		84	☐	108	RDZ19-S-40663		22	☐
RDZ20-E-40663		31	☐	114	RDZ20-S-40663		27	☐
RDZ21-E-40663		23	☐	120	RDZ21-S-40663		18	☐
# of Samples:					# of Samples:			

40663

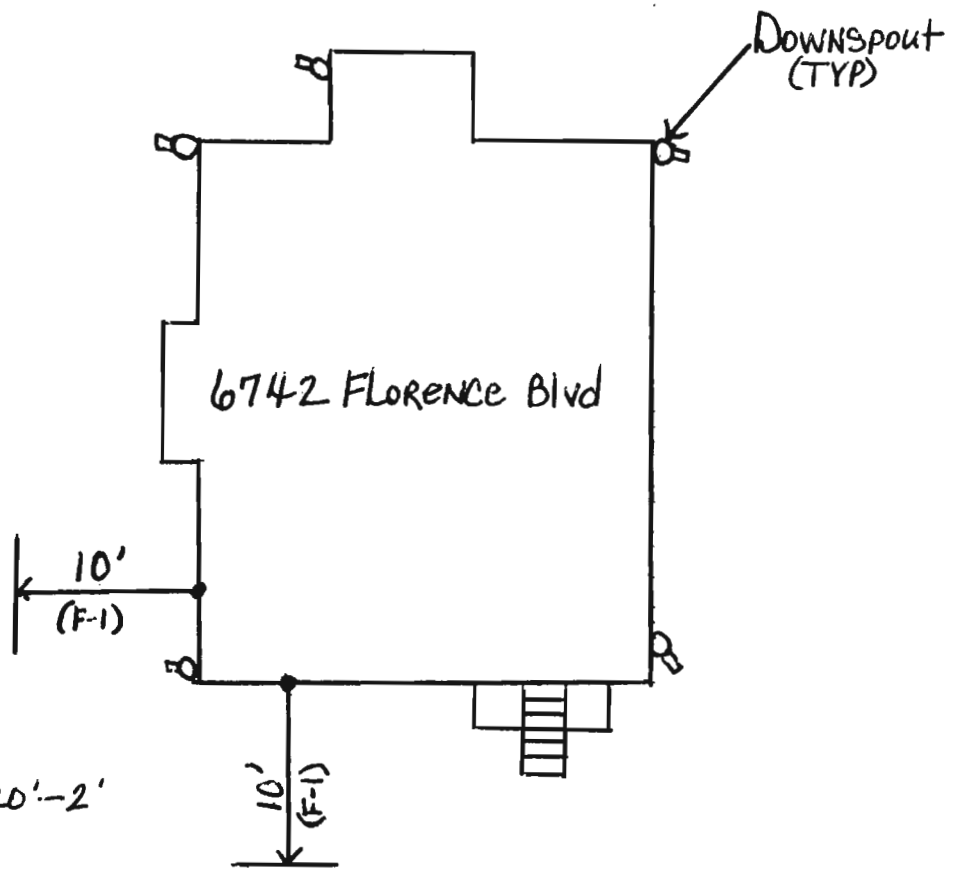
Sampled Address: 6742 FLORENCE BD
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F. GRASS - LS
G. EAST - South
H. YES
I. PAINT chips AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 HIGH 25210

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-24-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	_____

RYASCPXA-25210 114 Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N-25210		73	☐	0	RDZ01-E-25210		73	☐
RDZ02-N-25210		73	☐	6	RDZ02-E-25210		59	☐
RDZ03-N-25210		67	☐	12	RDZ03-E-25210		53	☐
RDZ04-N-25210		45	☐	18	RDZ04-E-25210		109	☐
RDZ05-N-25210		50	☐	24	RDZ05-E-25210		73	☐
RDZ06-N-25210		64	☐	30	RDZ06-E-25210		70	☐
RDZ07-N-25210		69	☐	36	RDZ07-E-25210		50	☐
RDZ08-N-25210		176	☐	42	RDZ08-E-25210		35	☐
RDZ09-N-25210		603	☐	48	RDZ09-E-25210		41	☐
RDZ10-N-25210		863	☐	54	RDZ10-E-25210		47	☐
RDZ11-N-25210		170	☐	60	RDZ11-E-25210		99	☐
RDZ12-N-25210		114	☐	66	RDZ12-E-25210		54	☐
RDZ13-N-25210		95	☐	72	RDZ13-E-25210		147	☐
RDZ14-N-25210		87	☐	78	RDZ14-E-25210		67	☐
RDZ15-N-25210		60	☐	84	RDZ15-E-25210		89	☑
RDZ16-N-25210		37	☑	90	RDZ16-E-25210		147	☐
RDZ17-N-25210		53	☐	96	RDZ17-E-25210		299	☐
RDZ18-N-25210		54	☐	102	RDZ18-E-25210		174	☐
RDZ19-N-25210		66	☐	108	RDZ19-E-25210		111	☐
RDZ20-N-25210		92	☐	114	RDZ20-E-25210		65	☐
RDZ21-N-25210		85	☐	120	RDZ21-E-25210		53	☐
# of Samples:					# of Samples:			

extra2 044701 01 23

25210

Sampled Address: 4371 HAMILTON ST

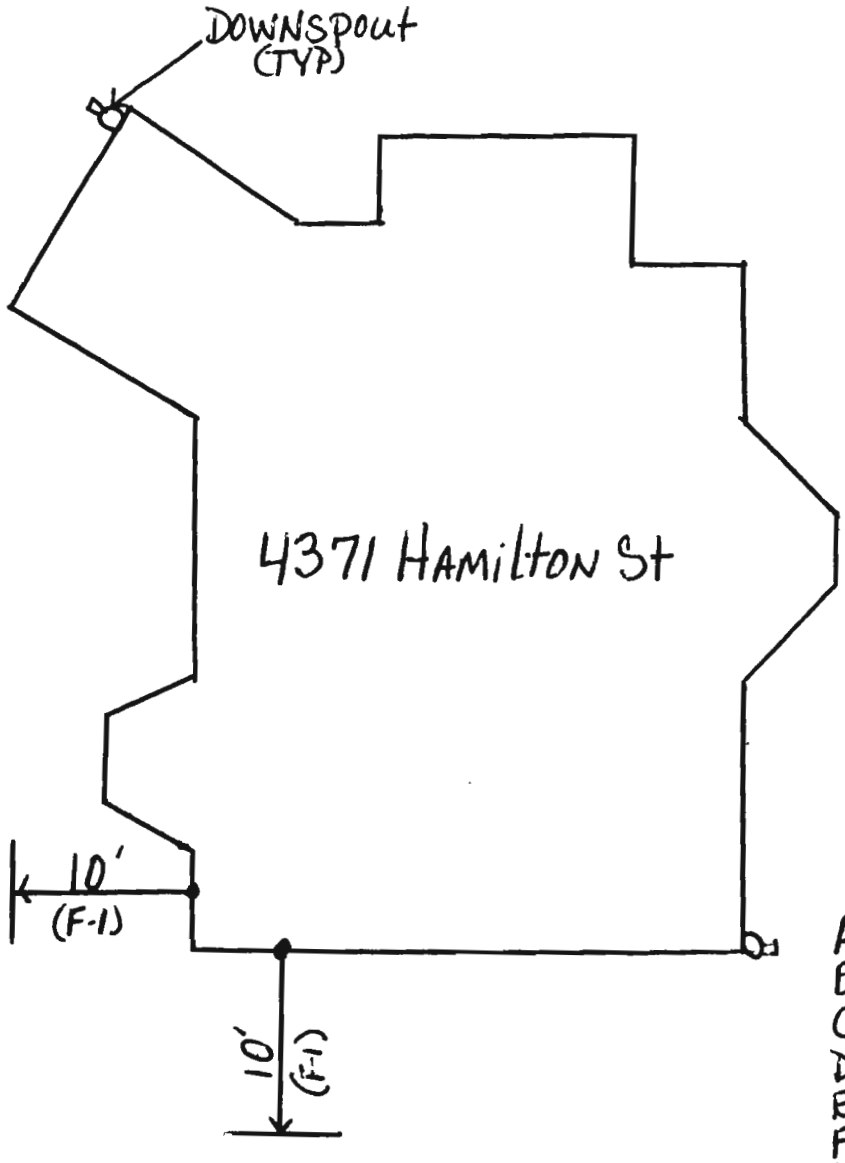
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 3 STORY 30'-3'
C. YES
D. PAINT
E. GOOD
F. GRASS
G. NORTH-EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION NO GUTTER ON UPPER LEVEL

Omaha Lead Site **Drip Zone Recontamination Study** 2005 HIGH 27332

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-22-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA·27322 23

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -27332		1094	☐
RDZ02-E -27332		562	☐
RDZ03-E -27332		549	☐
RDZ04-E -27332		157	☐
RDZ05-E -27332		123	☐
RDZ06-E -27332		52	☐
RDZ07-E -27332		59	☐
RDZ08-E -27332		33	☐
RDZ09-E -27332		23	☐
RDZ10-E -27332		17	☐
RDZ11-E -27332		19	☐
RDZ12-E -27332		21	☐
RDZ13-E -27332		15	☐
RDZ14-E -27332		14	☐
RDZ15-E -27332		22	☐
RDZ16-E -27332		12	☑
RDZ17-E -27332		29	☐
RDZ18-E -27332		21	☐
RDZ19-E -27332		18	☐
RDZ20-E-27332		13	☐
RDZ21-E -27332		24	☐

# of Samples: ____ ____ ____

RYDSCPXA·27322 16

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W -27332	Conc.		☐
RDZ02-W -27332	Conc.		☐
RDZ03-W -27332		175	☐
RDZ04-W -27332		157	☐
RDZ05-W -27332		48	☐
RDZ06-W -27332		53	☐
RDZ07-W -27332		32	☐
RDZ08-W -27332		35	☐
RDZ09-W -27332		23	☐
RDZ10-W -27332		26	☐
RDZ11-W -27332		21	☐
RDZ12-W -27332		22	☐
RDZ13-W -27332		23	☐
RDZ14-W -27332		21	☐
RDZ15-W -27332		23	☐
RDZ16-W -27332		17	☐
RDZ17-W -27332		16	☑
RDZ18-W -27332		21	☐
RDZ19-W -27332		17	☐
RDZ20-W-27332		22	☐
RDZ21-W -27332		20	☐

# of Samples: ____ ____ ____

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120

27332

Sampled Address: 2018 N 18 ST

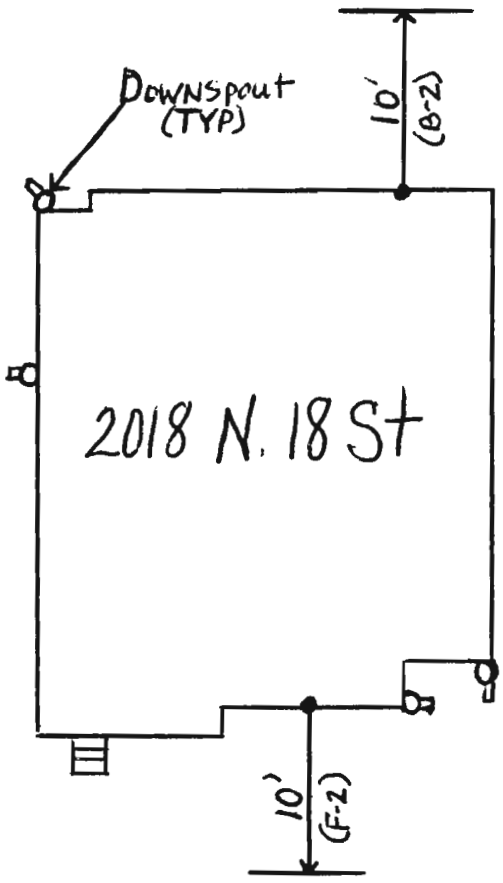
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A Positive
B 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F GRASS
G EAST - WEST
H. YES
I PAINT Chips AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 HIGH 30170

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9.24.08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA-30170 23

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-N -30170		354	☐
RDZ02-N -30170		27	☐
RDZ03-N -30170		32	☐
RDZ04-N -30170		47	☐
RDZ05-N -30170		37	☐
RDZ06-N -30170		46	☐
RDZ07-N -30170		34	☐
RDZ08-N -30170		32	☐
RDZ09-N -30170		26	☐
RDZ10-N -30170		43	☐
RDZ11-N -30170		29	☐
RDZ12-N -30170		31	☐
RDZ13-N -30170		25	☑
RDZ14-N -30170		30	☐
RDZ15-N -30170		24	☐
RDZ16-N -30170		33	☐
RDZ17-N -30170		23	☐
RDZ18-N -30170		29	☐
RDZ19-N -30170		25	☐
RDZ20-N-30170		24	☐
RDZ21-N -30170		26	☐

# of Samples: ____ ____ ____

RYCSCPXA-30170 25

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E -30170		99	☐
RDZ02-E -30170		93	☐
RDZ03-E -30170		60	☐
RDZ04-E -30170		44	☐
RDZ05-E -30170		90	☐
RDZ06-E -30170		39	☐
RDZ07-E -30170		39	☐
RDZ08-E -30170		44	☐
RDZ09-E -30170		26	☐
RDZ10-E -30170		26	☐
RDZ11-E -30170		28	☐
RDZ12-E -30170		39	☑
RDZ13-E -30170		67	☐
RDZ14-E -30170		26	☐
RDZ15-E -30170		25	☐
RDZ16-E -30170		26	☐
RDZ17-E -30170		22	☐
RDZ18-E -30170		25	☐
RDZ19-E -30170		20	☐
RDZ20-E-30170		25	☐
RDZ21-E -30170		20	☐

# of Samples: ____ ____ ____

30170

Sampled Address: 1617 BINNEY ST

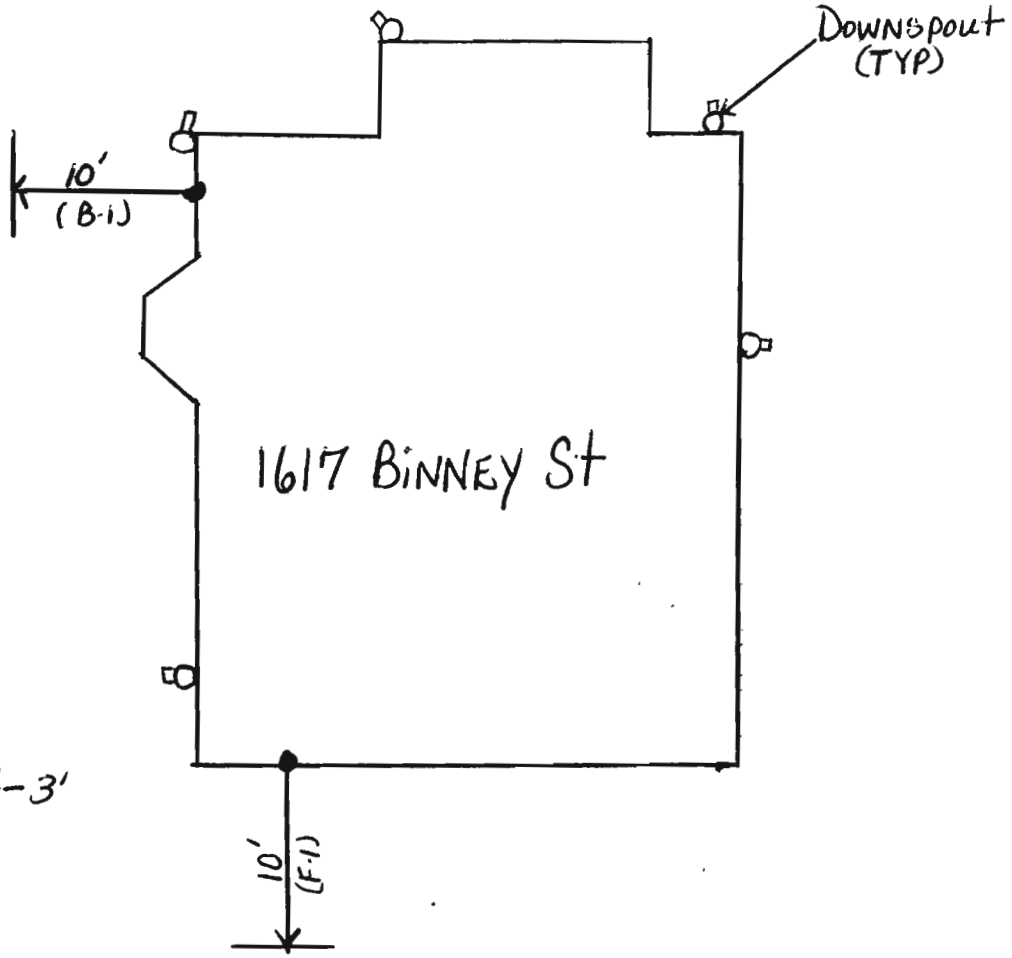
Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. NEGATIVE
B. 3 STORY 30'-3'
C. YES
D. PAINT
E. GOOD
F. GRASS
G. NORTH-EAST
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 HIGH 30178

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9·22·08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYASCPXA·30178 62

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-30178		48	☐
RDZ02-E-30178		36	☐
RDZ03-E-30178		28	☐
RDZ04-E-30178		46	☐
RDZ05-E-30178		96	☐
RDZ06-E-30178		55	☐
RDZ07-E-30178		35	☐
RDZ08-E-30178		47	☐
RDZ09-E-30178		23	☐
RDZ10-E-30178		24	☑
RDZ11-E-30178		40	☐
RDZ12-E-30178		20	☐
RDZ13-E-30178		24	☐
RDZ14-E-30178		27	☐
RDZ15-E-30178		20	☐
RDZ16-E-30178		25	☐
RDZ17-E-30178		25	☐
RDZ18-E-30178		24	☐
RDZ19-E-30178		58	☐
RDZ20-E-30178		21	☐
RDZ21-E-30178		28	☐

# of Samples: ☐ ☐ ☐

RYCSCPXA·30178 25

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-S-30178	WALK		☐
RDZ02-S-30178	WALK		☐
RDZ03-S-30178	WALK		☐
RDZ04-S-30178	WALK		☐
RDZ05-S-30178	WALK		☐
RDZ06-S-30178	WALK		☐
RDZ07-S-30178		130	☐
RDZ08-S-30178		73	☐
RDZ09-S-30178		44	☐
RDZ10-S-30178		25	☐
RDZ11-S-30178		38	☐
RDZ12-S-30178		31	☐
RDZ13-S-30178		30	☑
RDZ14-S-30178		31	☐
RDZ15-S-30178		33	☐
RDZ16-S-30178		30	☐
RDZ17-S-30178		33	☐
RDZ18-S-30178		19	☐
RDZ19-S-30178		37	☐
RDZ20-S-30178		18	☐
RDZ21-S-30178		21	☐

# of Samples: ☐ ☐ ☐

30178

Sampled Address: 1519 BINNEY ST

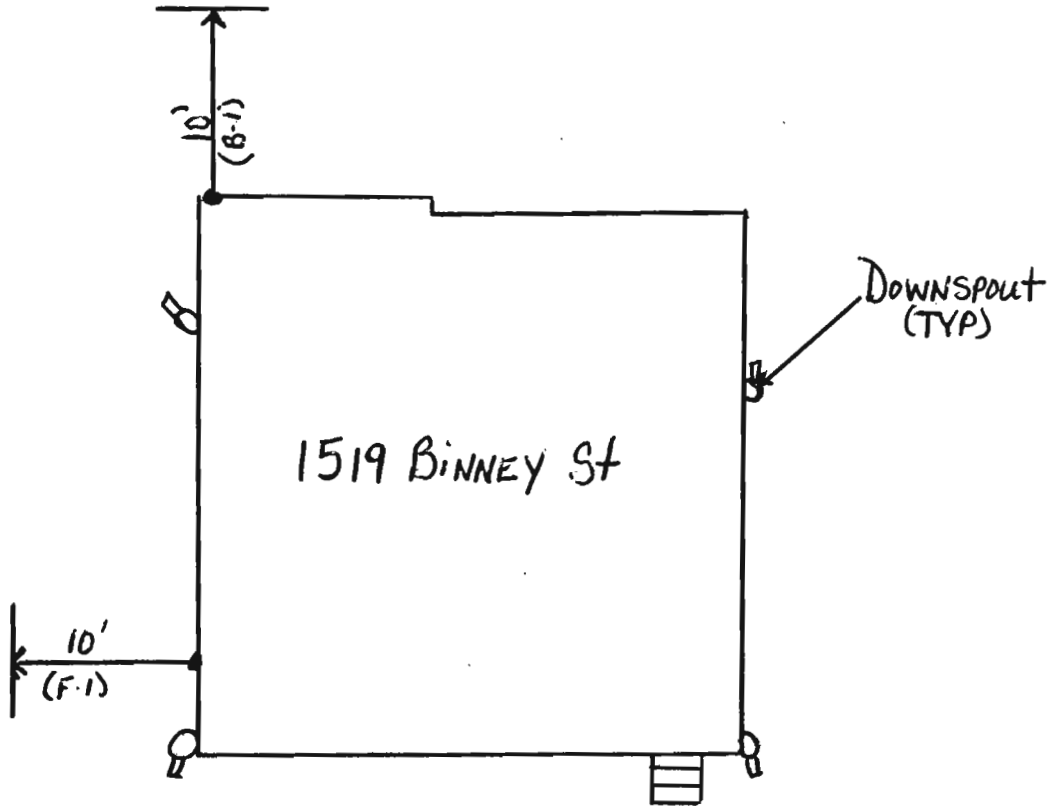
Phone: _____

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. Positive
B. 2 Story 20'-2'
C. YES
D. PAINT
E. Good
F. GRASS + CONC
G. EAST- South
H. YES
I. PAINT Chips AROUND FOUNDATION

BINNEY St

Omaha Lead Site **Drip Zone Recontamination Study** 2004 HIGH 30327

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-18-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYCSCPXA-30327 23

Overhang: _____

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB		Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-30327		219	☐	0	RDZ01-N-30327		155	☐
RDZ02-W-30327		83	☐	6	RDZ02-N-30327		39	☐
RDZ03-W-30327		23	☐	12	RDZ03-N-30327		38	☐
RDZ04-W-30327		68	☐	18	RDZ04-N-30327		63	☐
RDZ05-W-30327		31	☐	24	RDZ05-N-30327		36	☐
RDZ06-W-30327		67	☐	30	RDZ06-N-30327		52	☐
RDZ07-W-30327		45	☐	36	RDZ07-N-30327		35	☐
RDZ08-W-30327		48	☐	42	RDZ08-N-30327		23	☐
RDZ09-W-30327		16	☐	48	RDZ09-N-30327		22	☐
RDZ10-W-30327		40	☐	54	RDZ10-N-30327		18	☐
RDZ11-W-30327		18	☐	60	RDZ11-N-30327		27	☐
RDZ12-W-30327		26	☐	66	RDZ12-N-30327		30	☑
RDZ13-W-30327		28	☑	72	RDZ13-N-30327		21	☐
RDZ14-W-30327		26	☐	78	RDZ14-N-30327		23	☐
RDZ15-W-30327		30	☐	84	RDZ15-N-30327		25	☐
RDZ16-W-30327		23	☐	90	RDZ16-N-30327		31	☐
RDZ17-W-30327		30	☐	96	RDZ17-N-30327		19	☐
RDZ18-W-30327		23	☐	102	RDZ18-N-30327		17	☐
RDZ19-W-30327		21	☐	108	RDZ19-N-30327		22	☐
RDZ20-W-30327		30	☐	114	RDZ20-N-30327		20	☐
RDZ21-W-30327		38	☐	120	RDZ21-N-30327		19	☐
# of Samples:					# of Samples:			

30327

Sampled Address: 1512 BINNEY ST

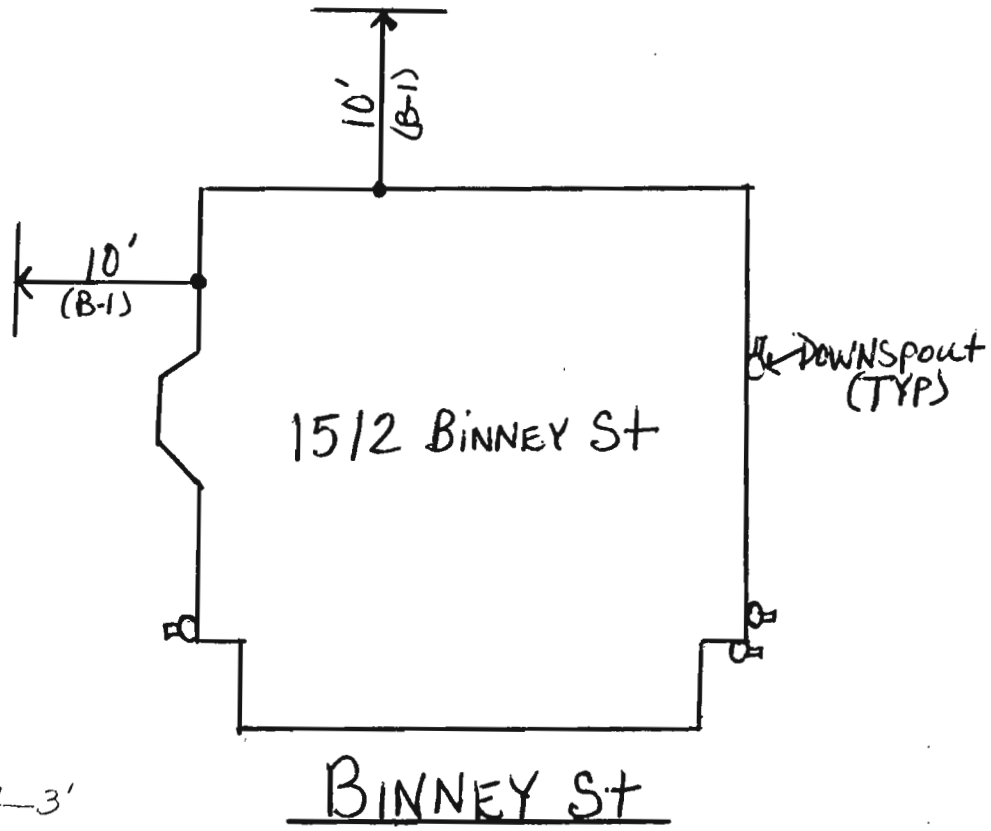
Phone:

Omaha Lead Site
Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
i. Other observations that could impact the potential for elevated soil lead concentrations in drip zones to develop.



A. POSITIVE
B. 3STORY 30'—3'
C. YES
D. PAINT
E. GOOD
F. GRASS
G. WEST - NORTH
H. YES
I. PAINT CHIPS AROUND FOUNDATION

Omaha Lead Site **Drip Zone Recontamination Study** 2005 HIGH 33775

In Situ Samples Analyzed	Ex Situ Samples Analyzed	Lab Samples Analyzed
XRF Unit: _____ Book: _____	XRF Unit: 6540 Book: 219	ASR: _____ Date: _____
Date: _____ Time: _____	Date: 9-12-08 Time: Am	Samples: _____
Staff: _____	Staff: MSW	

RYBSCPXA·33775 20

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-E-33775		640	☐
RDZ02-E-33775		127	☐
RDZ03-E-33775		123	☐
RDZ04-E-33775		135	☐
RDZ05-E-33775		215	☐
RDZ06-E-33775		231	☐
RDZ07-E-33775	WALK		☐
RDZ08-E-33775	WALK		☐
RDZ09-E-33775	WALK		☐
RDZ10-E-33775	WALK		☐
RDZ11-E-33775	WALK		☐
RDZ12-E-33775	WALK		☐
RDZ13-E-33775		272	☐
RDZ14-E-33775		54	☐
RDZ15-E-33775		49	☐
RDZ16-E-33775		36	☐
RDZ17-E-33775		44	☐
RDZ18-E-33775		41	☐
RDZ19-E-33775		33	☐
RDZ20-E-33775		23	☐

# of Samples: E-21 - 29

RYDSCPXA·33775 27

Sample Number	In Situ Lead Concentration	Ex Situ Lead Concentration	LAB
RDZ01-W-33775		32	☑
RDZ02-W-33775		31	☐
RDZ03-W-33775		30	☐
RDZ04-W-33775		36	☐
RDZ05-W-33775		29	☐
RDZ06-W-33775		41	☐
RDZ07-W-33775		33	☐
RDZ08-W-33775		41	☐
RDZ09-W-33775		24	☐
RDZ10-W-33775		51	☐
RDZ11-W-33775		23	☐
RDZ12-W-33775		27	☐
RDZ13-W-33775		24	☐
RDZ14-W-33775		22	☐
RDZ15-W-33775		22	☐
RDZ16-W-33775		21	☐
RDZ17-W-33775		28	☐
RDZ18-W-33775		125	☐
RDZ19-W-33775		27	☐
RDZ20-W-33775		23	☑

# of Samples: W-21 - 23

S-05-Ha 044701 01 23

33775

Sampled Address: 4106 N 21 ST

Phone:

Omaha Lead Site Site Sketch

Exterior Paint
- [x] Good
- [ ] Poor
- [ ] Not paint

North Arrow

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.
e. Paint condition and 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.
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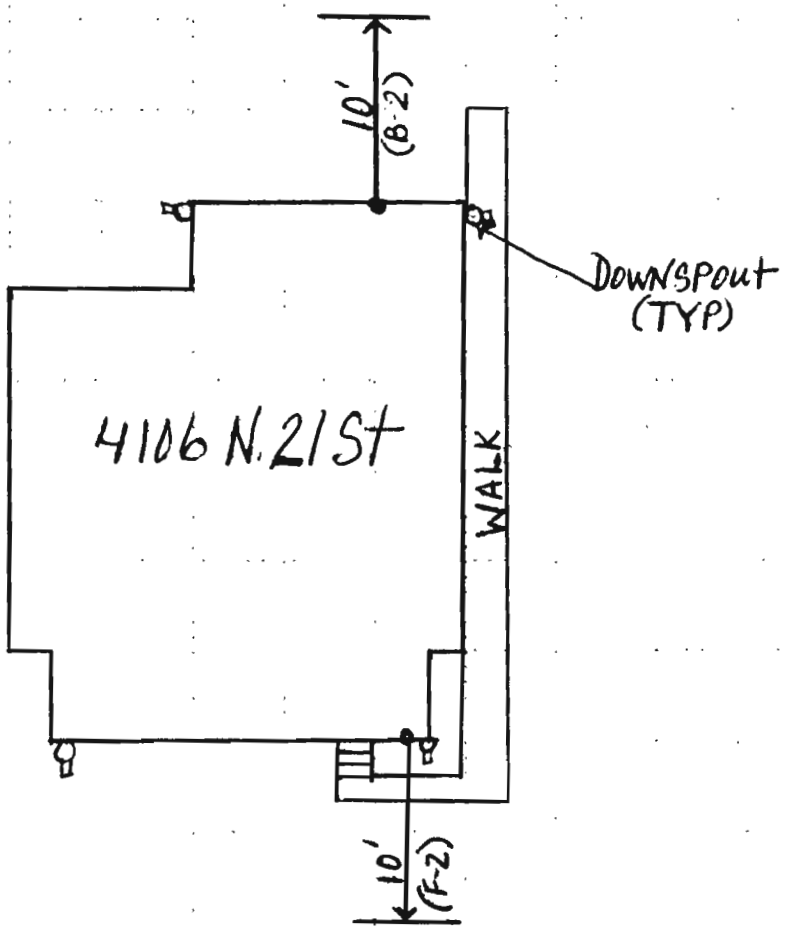

A. NEGATIVE
B. 3 STORY 30'-3'
C. YES
D. SIDING + ~~PAINT~~
E. GOOD
F. ~~EAST GRASS - WALK - WEST - GRASS~~
G. EAST - WEST
H. YES
I. NONE

S