Dear Resident of REDACTED, South Bend, IN 46615,

Thank you for completing a Lead Sample Collection Kit. You are helping make your home and your neighborhood a safer community. The Notre Dame Lead Innovation Team (ND LIT) has analyzed the soil, paint and dust samples from your kit. Below are the results:

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| **RESULTS** | | |
| **Sample** | **Lead Concentration** | **Location Description** |
| Soil #1 | 410.8 ppm\* | Back wall |
| Soil #2 | 390.8 ppm | Near garage |
| Soil #3 | 66.7 ppm | Near sidewalk |
| Paint #1 | 74.2 ppm | Floor trim in dining room |
| Paint #2 | 14003 ppm | Exterior paint from house |
| Dust #1 | 22.3 ppm | Basement window sill |
| Dust #2 | 23.6 ppm | Inside side door |
| Dust #3 | 168.6 ppm | Outside near chipping paint |
| Water #1 | n/a | No sample provided |

*\* ppm = parts per million*

*\*\* ppb = parts per billion*

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| **Soil Level** | **EPA recommendations for Soil Lead-Safe Practices** |
| Less than 400 ppm | No intervention necessary under current EPA recommendations |
| 400-2,000 ppm (moderately high) | * Remove shoes before entering the home. * Wash hands and bare feet after working or playing in the yard. * Seed and fertilize grassy areas and cover bare soil with mulch (free mulch is available from the City of South Bend). Water grass to help keep dust down. * Install raised bed gardens and supplement with clean topsoil; install raised play/picnic areas with wood chips. * Install walking stones in high traffic areas. |
| 2,000-5,000 ppm (high) | In addition to previous suggestions:   * Relocate gardens, all gardening is unsafe unless in a raised bed with clean soil. * Move children’s play areas or install a wooden platform/raised area filled with woodchips or mulch. |
| More than 5,000 ppm (very high) | In addition to previous suggestions:   * Install a raised bed filled with new soil. * Depending on the elevation of the soil level, soil removal or permanent barriers may be necessary. |

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| **Water Level** | **EPA recommendations for Water Lead-Safe Practices** |
| Less than 15 ppb | No intervention is necessary under current EPA recommendations |
| Greater than 15 ppb | * If you are on the City of South Bend’s municipal water supply, request a free water test from the City of South Bend by calling 574-235-5994. * Use a Brita Longlast filter or a PUR filter to filter your drinking water prior to consumption. These have both been proven effective for removing lead from drinking water. * Run your tap for several minutes to flush the pipes before consuming drinking water. |

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| **Paint Level** | **EPA recommendations for Paint Lead-Safe Practices** | |
| Less than 1,000 ppm | No intervention is necessary under current EPA recommendations | |
| 1,000 – 5,000 ppm | * Assess the condition of paint and reduce chipping and wear if possible. * Clean the affected horizontal surfaces thoroughly using paper towels, or a rag only for lead dust. * If paint is chipping repainting is strongly suggested. * Until remediation is done block access to chipping paint. If surface is on window, avoid opening and closing it.   See the additional resources section for more information about safely repainting. | |
| More than 5,000 ppm | * Repainting as soon as possible is strongly suggested. * Until remediation is possible remove any paint chips with a wet paper towel and clean the affected horizontal surfaces thoroughly every week. * Follow previous recommendations   See the additional resources section for more information about safely repainting. | |
| **Dust Level** | | **EPA recommendations for Dust Lead-Safe Practices** |
| Less than 20 ppm | | No intervention is necessary under current EPA recommendations |
| *For floors*  More than 20 ppm | | * Take shoes off before entering home. * Wet mop the floor weekly. * Wash hands frequently. * If possible, use a vacuum with a HEPA filter for cleaning carpets. * Identify and address the source of the leaded dust to eliminate hazard. |
| *For windowsills*  More than 230 ppm | | * Avoid opening/closing the window, as this makes paint dust or chips. * Remove any paint chips with a wet paper towel. * Wipe down windowsills and window troughs thoroughly every week using paper towels, or a specific rag only for lead dust. * Identify and address the source of the leaded dust to eliminate hazard. |
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| Need Remediation & Abatement Help? Additional Resources? |
| Visit the St. Joseph County Health Department website at [www.sjchd.org/environmental/lead/](http://www.sjchd.org/environmental/lead/) for comprehensive resources about lead poisoning, and to get information about free lead testing.  Visit the City of South bend website at [www.southbendin.gov/government/content/south-bend-home-improvement-program](http://www.southbendin.gov/government/content/south-bend-home-improvement-program) for information about how the City can help pay for some lead abatement work.  Visit the City of South Bend website at [www.southbendin.gov/government/content/concerned-about-lead](http://www.southbendin.gov/government/content/concerned-about-lead) for information on water quality and testing.  Visit the EPA website for comprehensive information on lead at [www.epa.gov/lead](http://www.epa.gov/lead) |

Disclaimer

The Notre Dame Lead Innovation Team is not certified by the State of Indiana as a lead testing laboratory, nor is it officially conducting government specified risk assessments for lead. We wish to provide extra resources to the community in order to tackle this difficult problem of lead in our homes. We strive to ensure our testing is as accurate and as reliable as possible, but it is possible our results contain some error. If you have indication that lead is present in your home and a hazard, we encourage you to have a comprehensive risk assessment done. The St. Joseph County Health Department provides this service free of charge for households with children under 7 or with pregnant women. If you have any questions our lab can be contacted by emailing [lead@nd.edu](mailto:lead@nd.edu) or visiting our website leadinfo.nd.edu.

We encourage you to also follow up with your health care provider to have lead testing done for your child(ren) and to monitor the levels yourself over time.

If you have any questions, please call ND Lead Innovation Team:

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