

Title	Lead in Soil
Test Explanation:	<p>In infants and children, Lead can cause delays in physical or mental development. Children could show slight deficits in attention span and learning abilities. In adults, kidney problems as well as high blood pressure.</p> <p>Lead in soil is an EPA regulated parameter. The following is the test result action limit set by the EPA: 400 ppm for high-contact play areas, bare soil</p>
Specimen Requirements	<p>Samples are accepted ONLY from Divisions of the Indiana State Department of Health, State Government Agencies or from County Health Departments.</p> <p>Questions: Contact Marsha Rinehart, mrinehart@isdh.in.gov or 317-921-5559 or the Indiana Childhood Lead Poisoning Prevention Program at 1-800-433-0746</p>
Sampling Materials	Digger and a re-sealable plastic sample container such as a Ziploc plastic bag.
Procedural Notes	<p>Samples are usually taken within three feet (3') of the house (near the drip line) or within three feet (3') of the road. Other areas requiring sampling include exposed soil areas where children or their pets play. No paint chips or large pieces of debris shall be included in the soil sample.</p> <p>A sample may be a composite sample of between two and four subsamples collected in the same area.</p> <p>Push the digger into the soil to a depth of approximately two inches. Place the sample into a clean plastic bag. The total sample size should be about 100-200 grams (approximately 7-14 tablespoons).</p> <p>Label the plastic bag with a sample identification number, date, address, name and location.</p> <p>Complete an ISDH Sample Submission Form for each soil sample collected. Record any deviations from this sampling procedure.</p> <p>Wipe down or wash off equipment before collecting each sample. This is necessary to avoid cross contamination.</p> <p>The Environmental Lead in Soil Sample submission form can be found at http://www.in.gov/isdh/19147.htm.</p>
Shipping Instructions	<p>Place bag(s) containing sample(s) in an appropriate shipping box or padded envelope. Bring / Ship to:</p> <p>Indiana State Department of Health Laboratories Environmental Lead Laboratory 550 West 16th Street, Suite B Indianapolis, IN 46202-2218</p>
Reporting and TAT	From date of receipt, routine samples will be reported within 10 business days and rush samples will be reported within 4 business days.